

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010347.D
 Acq On : 19 Jun 2019 13:51
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 1:23:33 PM

Quant Time: Jun 20 03:27:18 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	299011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	444982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208539	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	273326	93.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.66%	
35) Dibromofluoromethane	5.50	113	270589	97.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.94%	
50) Toluene-d8	8.71	98	1037826	100.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.16%	
62) 4-Bromofluorobenzene	11.13	95	382730	99.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	204387	78.912	ug/l	99
3) Chloromethane	1.32	50	236289	88.594	ug/l	100
4) Vinyl Chloride	1.41	62	254655	99.578	ug/l	99
5) Bromomethane	1.64	94	116036	113.826	ug/l	100
6) Chloroethane	1.71	64	144840	110.480	ug/l	100
7) Trichlorofluoromethane	1.92	101	414621	106.988	ug/l	99
8) Diethyl Ether	2.19	74	146352	108.087	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	244552	93.510	ug/l	100
10) Methyl Iodide	2.51	142	388825	97.295	ug/l	99
11) Tert butyl alcohol	3.06	59	340226	477.325	ug/l	100
12) 1,1-Dichloroethene	2.37	96	252930	94.590	ug/l	99
13) Acrolein	2.29	56	237469	1228.995	ug/l	99
14) Allyl chloride	2.73	41	373674	93.050	ug/l	100
15) Acrylonitrile	3.15	53	727671	497.466	ug/l	99
16) Acetone	2.45	43	712064	509.861	ug/l	100
17) Carbon Disulfide	2.56	76	688338	89.778	ug/l	99
18) Methyl Acetate	2.78	43	275084	91.687	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	807891	94.236	ug/l	99
20) Methylene Chloride	2.85	84	285709	95.087	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	270820	91.677	ug/l	98
22) Diisopropyl ether	3.85	45	762482	98.684	ug/l	98
23) Vinyl Acetate	3.82	43	3435903	498.359	ug/l	100
24) 1,1-Dichloroethane	3.70	63	442268	94.400	ug/l	100
25) 2-Butanone	4.68	43	1056119	513.467	ug/l	98
26) 2,2-Dichloropropane	4.58	77	379025	89.623	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	317464	96.258	ug/l	100
28) Bromochloromethane	5.01	49	200898	95.093	ug/l	99
29) Tetrahydrofuran	5.13	42	640346	497.275	ug/l	100
30) Chloroform	5.21	83	473221	97.223	ug/l	99
31) Cyclohexane	5.58	56	402324	95.719	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	427667	93.623	ug/l	100
36) 1,1-Dichloropropene	5.80	75	352522	97.229	ug/l	99
37) Ethyl Acetate	4.84	43	375583	99.103	ug/l	100
38) Carbon Tetrachloride	5.79	117	389881	95.181	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	465589	94.635	ug/l	99
40) Benzene	6.14	78	1100824	97.964	ug/l	99
41) Methacrylonitrile	5.04	41	204687	100.172	ug/l	99
42) 1,2-Dichloroethane	6.19	62	342527	95.848	ug/l	99
43) Isopropyl Acetate	6.45	43	628794	99.659	ug/l	99
44) Trichloroethene	7.21	130	329767	97.254	ug/l	99
45) 1,2-Dichloropropane	7.51	63	277380	98.628	ug/l	99
46) Dibromomethane	7.66	93	202786	96.164	ug/l	98
47) Bromodichloromethane	7.90	83	381936	97.556	ug/l	100
48) Methyl methacrylate	7.77	41	297283	101.097	ug/l	99
49) 1,4-Dioxane	7.74	88	159498	1895.967	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1948082	514.177	ug/l	100
52) Toluene	8.79	92	727707	98.242	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	434653	96.530	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	472303	97.381	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	305811	100.919	ug/l	100
56) Ethyl methacrylate	9.18	69	475715	99.994	ug/l	99
57) 1,3-Dichloropropane	9.37	76	470962	98.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1105638	492.294	ug/l	100
59) 2-Hexanone	9.49	43	1532620	506.701	ug/l	99
60) Dibromochloromethane	9.58	129	358796	100.743	ug/l	100
61) 1,2-Dibromoethane	9.67	107	331939	98.613	ug/l	99
64) Tetrachloroethene	9.34	164	310481	98.973	ug/l	98
65) Chlorobenzene	10.14	112	833419	97.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	318499	97.021	ug/l	99
67) Ethyl Benzene	10.25	91	1413773	96.909	ug/l	99
68) m/p-Xylenes	10.36	106	1097816	194.270	ug/l	100
69) o-Xylene	10.69	106	534728	95.376	ug/l	100
70) Styrene	10.71	104	929859	98.071	ug/l	100
71) Bromoform	10.86	173	290062	96.467	ug/l	99
73) Isopropylbenzene	11.02	105	1421383	98.003	ug/l	100
74) N-amyl acetate	10.90	43	561424	97.957	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	463833	93.593	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	376427m	91.057	ug/l	
77) Bromobenzene	11.26	156	389444	97.413	ug/l	98
78) n-propylbenzene	11.36	91	1609797	99.664	ug/l	100
79) 2-Chlorotoluene	11.42	91	932944	96.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1185478	96.880	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	173977	94.219	ug/l	99
82) 4-Chlorotoluene	11.51	91	1076475	97.906	ug/l	100
83) tert-Butylbenzene	11.77	119	1202874	97.409	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1189081	96.180	ug/l	99
85) sec-Butylbenzene	11.94	105	1400349	97.146	ug/l	99
86) p-Isopropyltoluene	12.06	119	1293251	98.001	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	682666	97.130	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	681105	95.798	ug/l	100
89) n-Butylbenzene	12.38	91	1130191	99.590	ug/l	100
90) Hexachloroethane	12.60	117	243976	94.157	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	662554	96.581	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	104120	90.451	ug/l	98

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VSTDICC100

Manual Integrations
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QLast Update : Thu Jun 20 03:08:25 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	481508	95.988	ug/l	99
94) Hexachlorobutadiene	13.78	225	228372	100.833	ug/l	99
95) Naphthalene	13.83	128	1520029	96.651	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	479547	96.503	ug/l	99

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

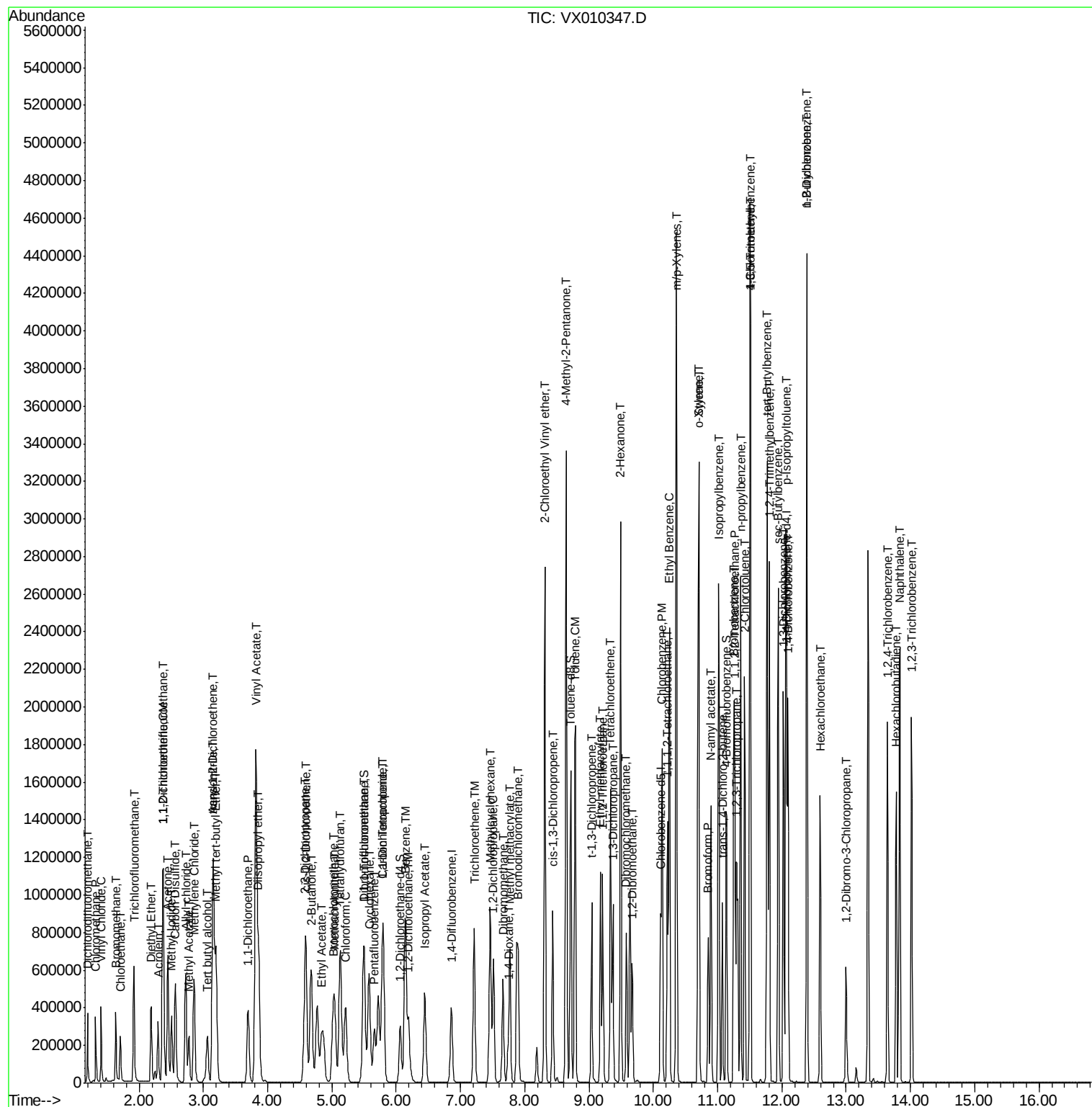
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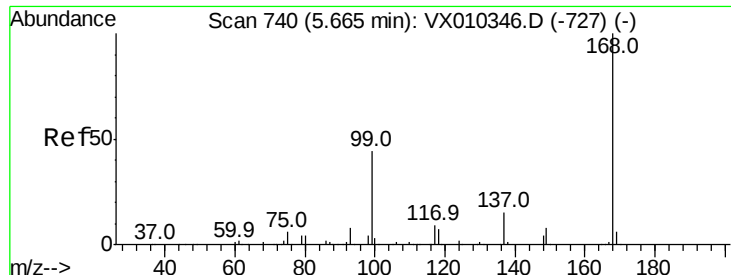
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 299011

Ion Ratio Lower Upper

168 100

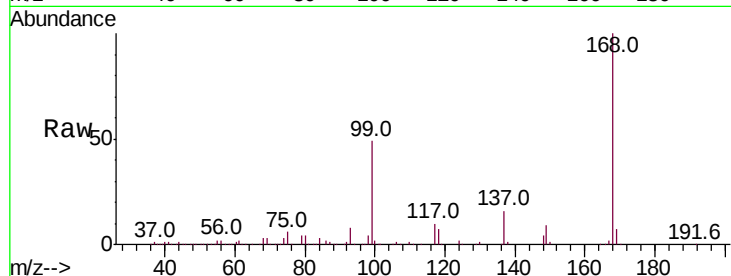
99 48.7 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

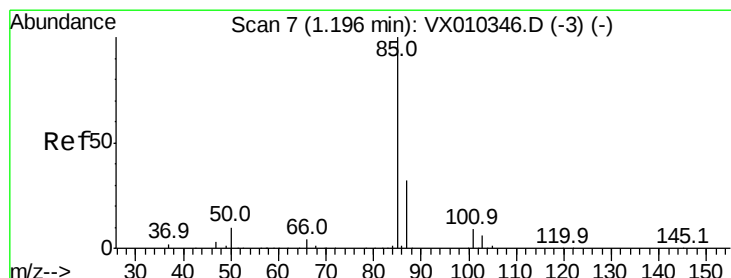
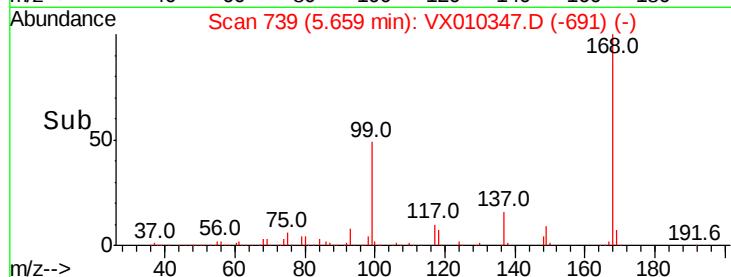
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 78.912 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010347.D

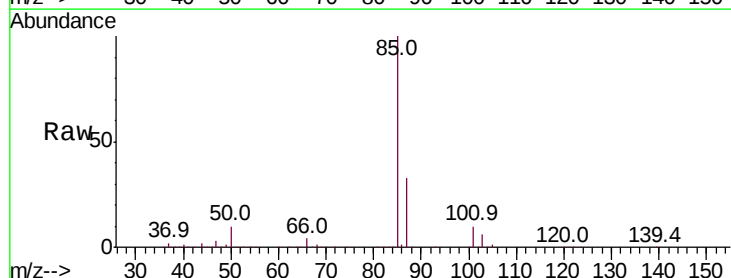
Acq: 19 Jun 2019 13:51

Tgt Ion: 85 Resp: 204387

Ion Ratio Lower Upper

85 100

87 33.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

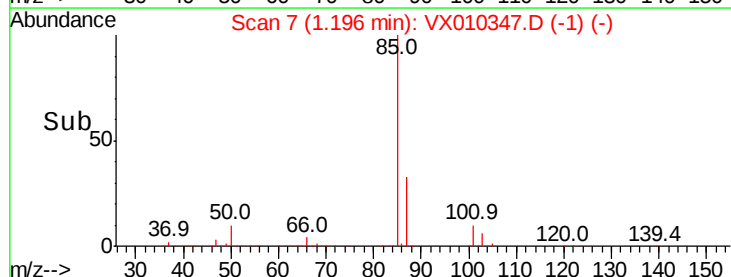
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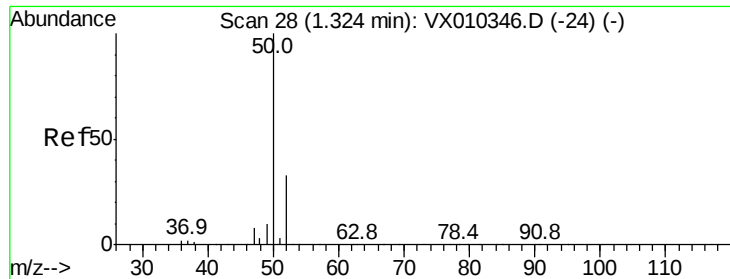
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 88.594 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 236289

Ion Ratio Lower Upper

50 100

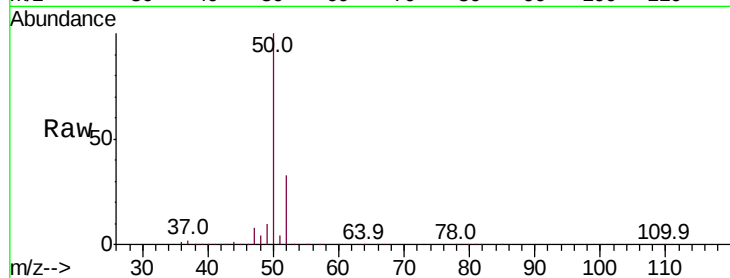
52 32.9 26.5 39.7

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

250000

200000

150000

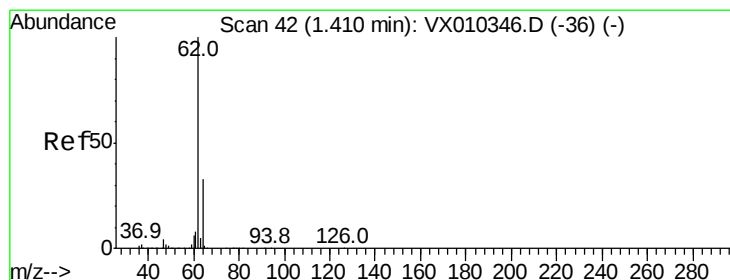
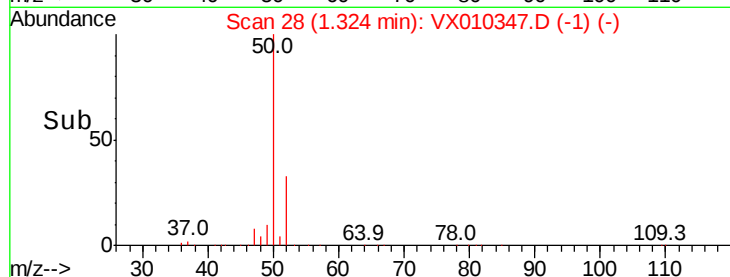
100000

50000

0

1.30 1.32 1.34 1.36 1.38 1.40

Time-->



#4

Vinyl Chloride

Concen: 99.578 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010347.D

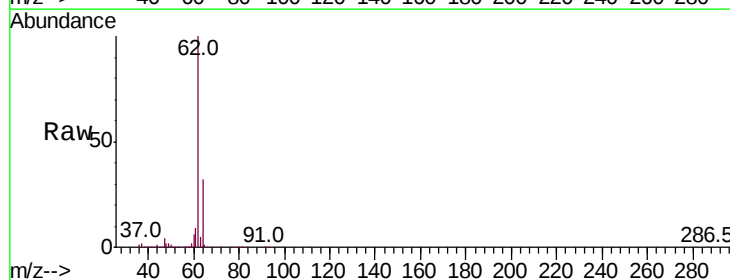
Acq: 19 Jun 2019 13:51

Tgt Ion: 62 Resp: 254655

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

250000

200000

150000

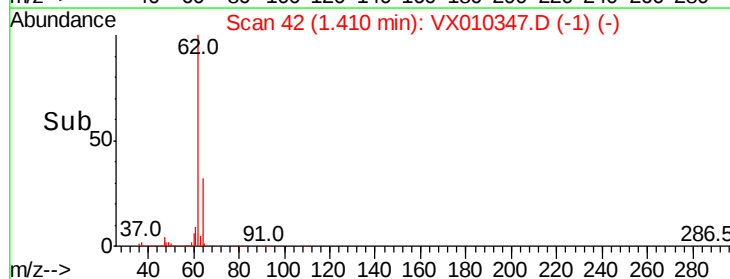
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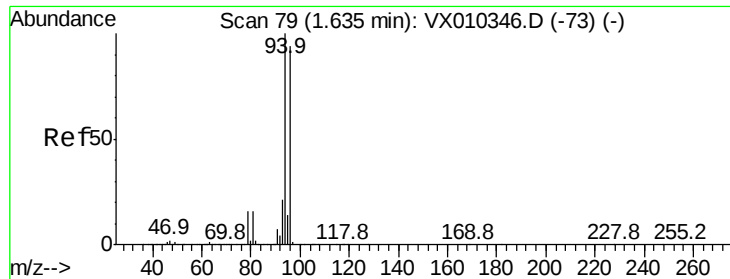
50000

0

1.30 1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 113.826 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 116036

Ion Ratio Lower Upper

94 100

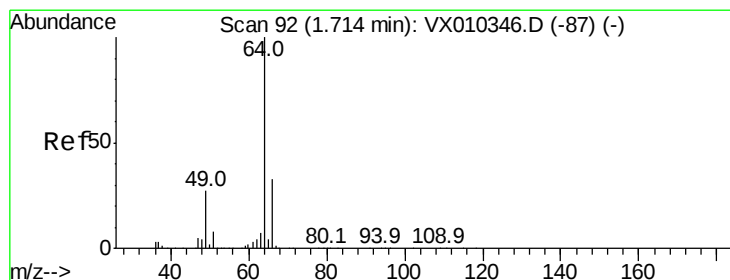
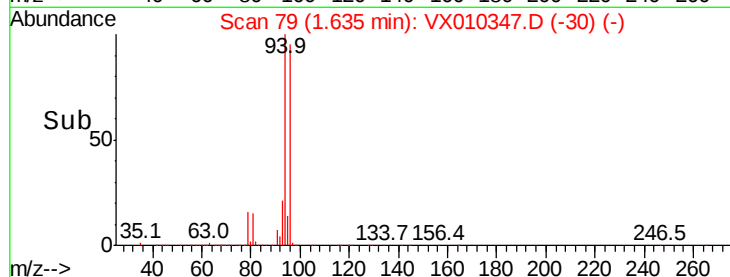
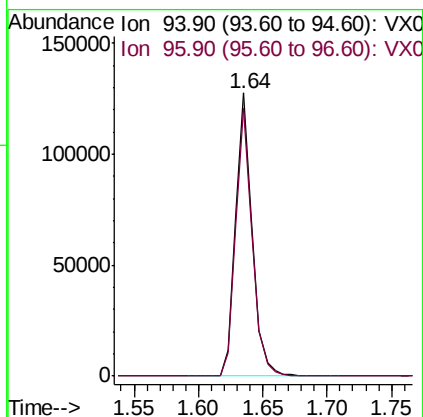
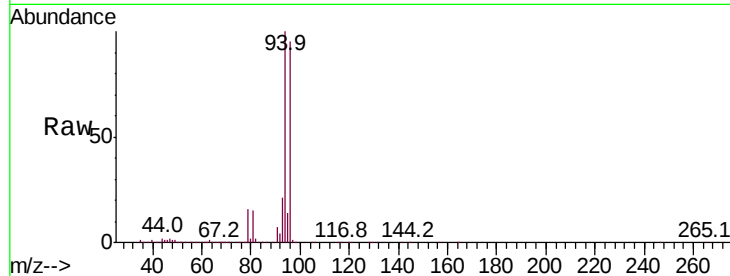
96 94.6 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 110.480 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX010347.D

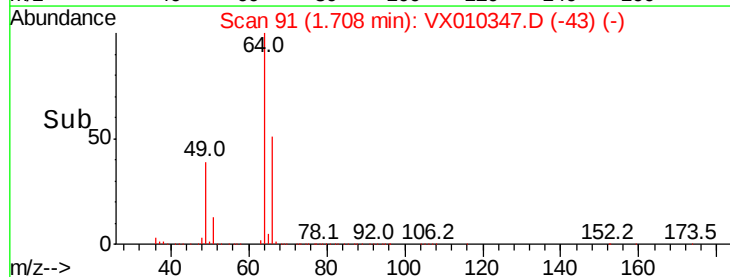
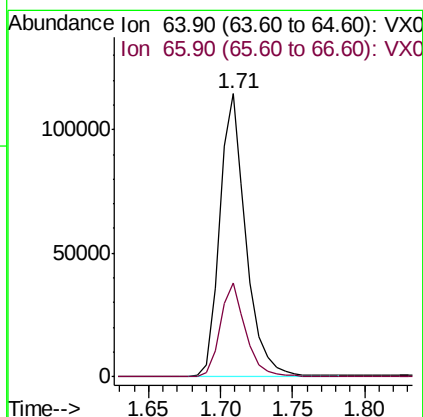
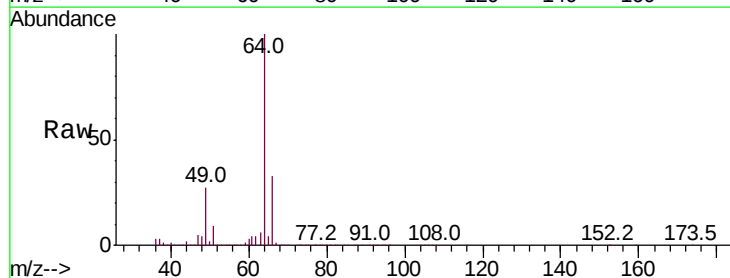
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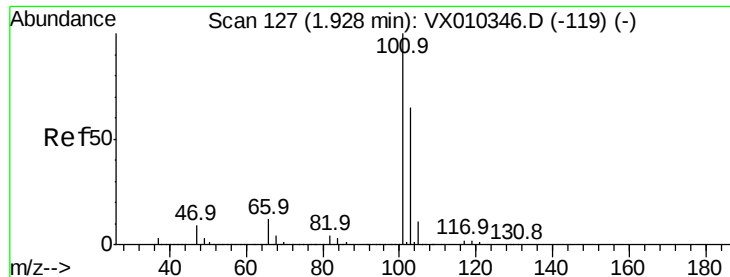
Tgt Ion: 64 Resp: 144840

Ion Ratio Lower Upper

64 100

66 33.3 26.6 40.0





#7

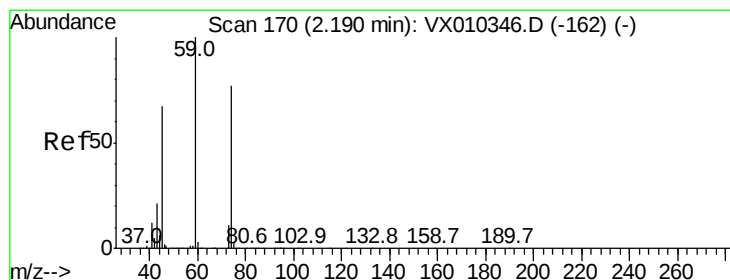
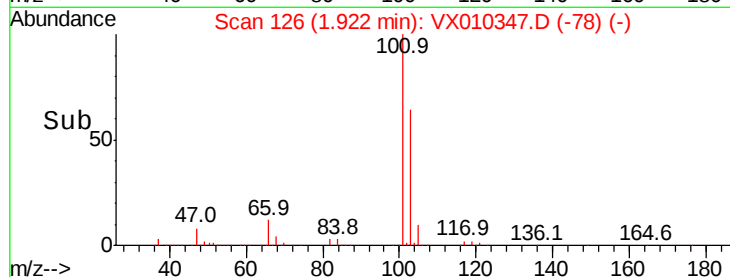
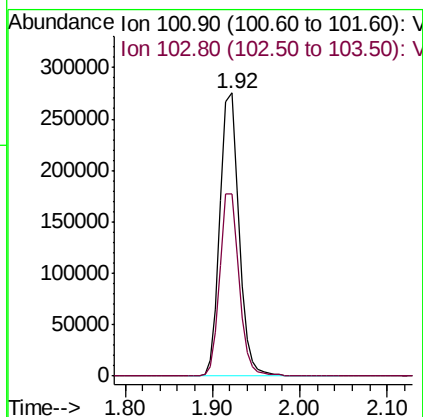
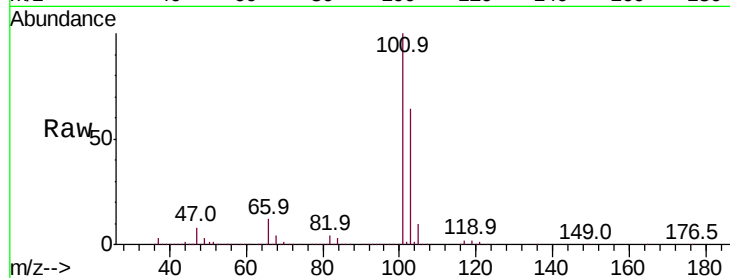
Trichlorofluoromethane
Concen: 106.988 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

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ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.3	78.5

Manual Integrations
APPROVED

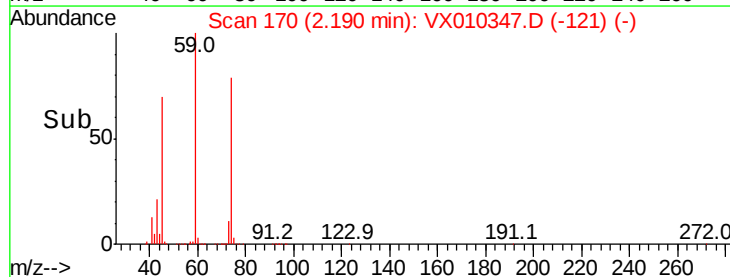
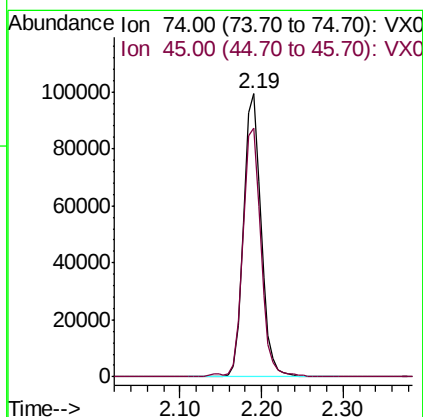
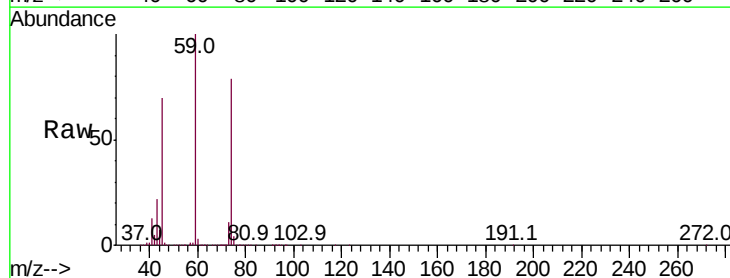
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6/20/2019 1:23:33 PM

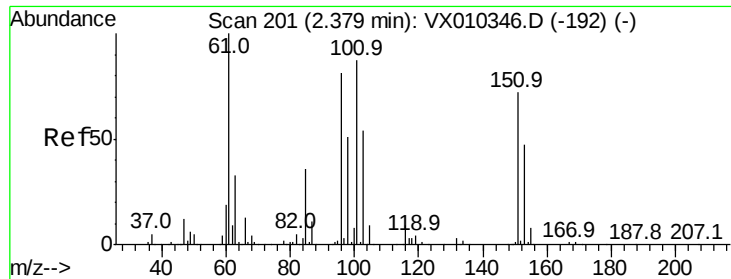


#8

Diethyl Ether
Concen: 108.087 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.7	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.510 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

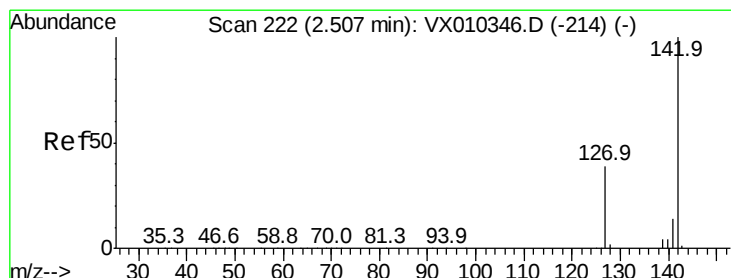
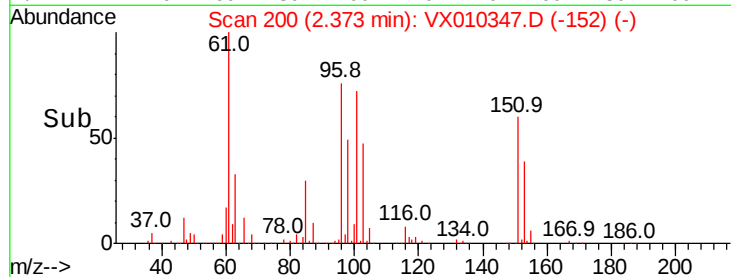
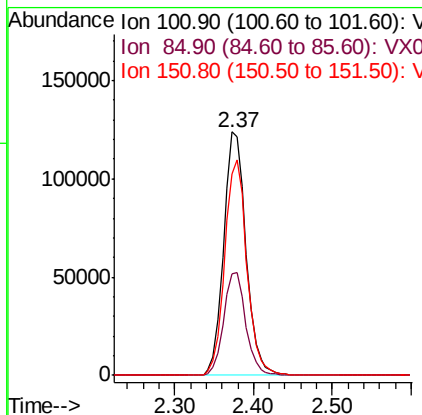
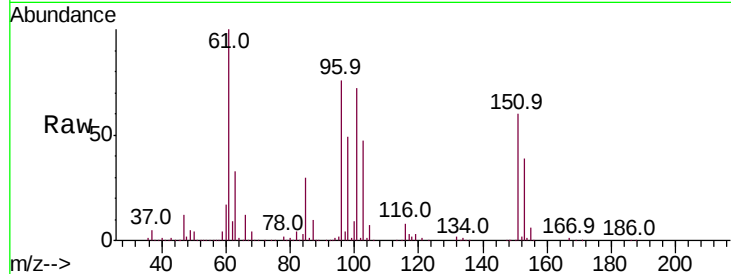
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	244552
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.7	50.5
151	87.7	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 97.295 ug/l

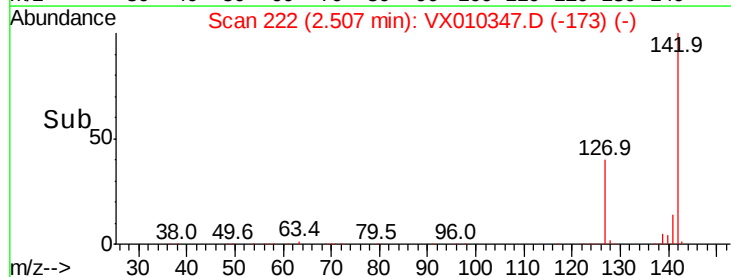
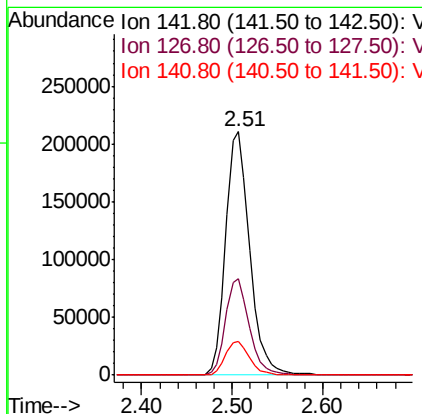
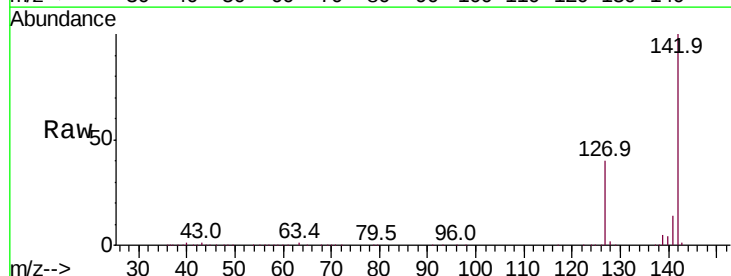
RT: 2.51 min Scan# 222

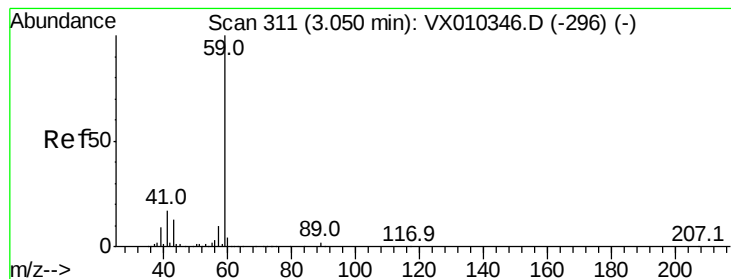
Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Tgt Ion:	142	Resp:	388825
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.1	46.7
141	14.1	11.2	16.8





#11

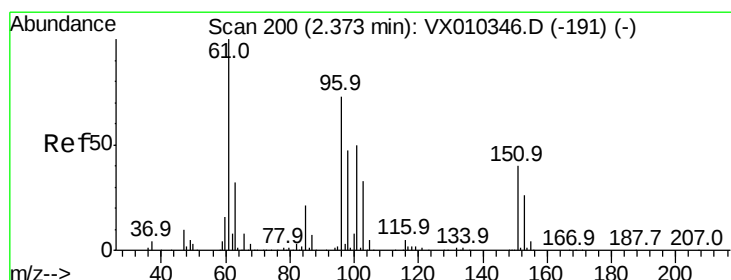
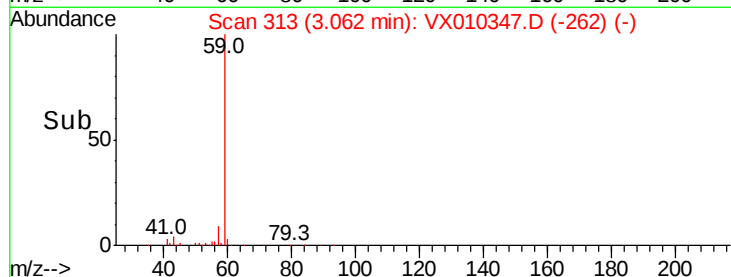
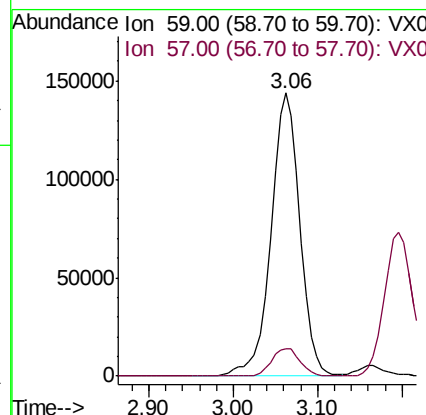
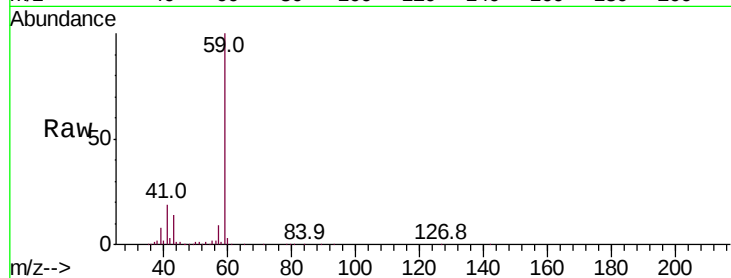
Tert butyl alcohol
Concen: 477.325 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.7	11.5

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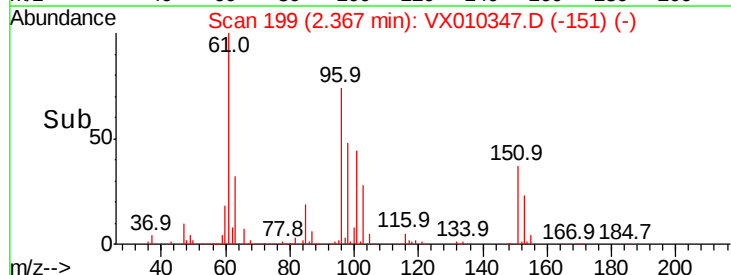
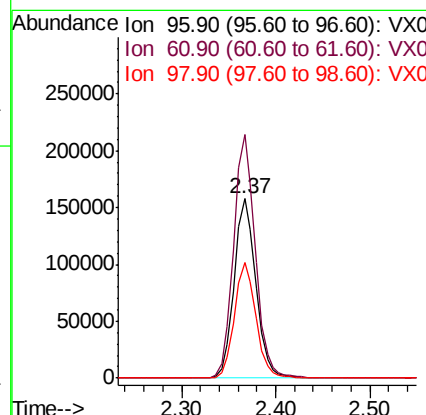
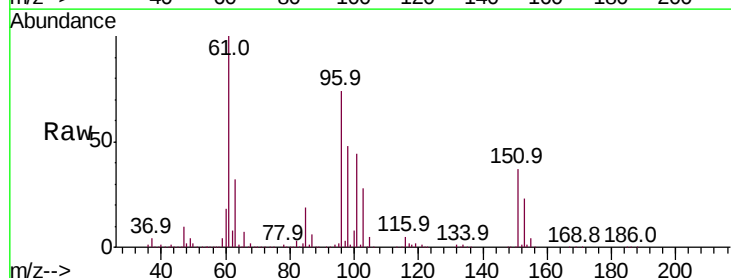
MMDadoda
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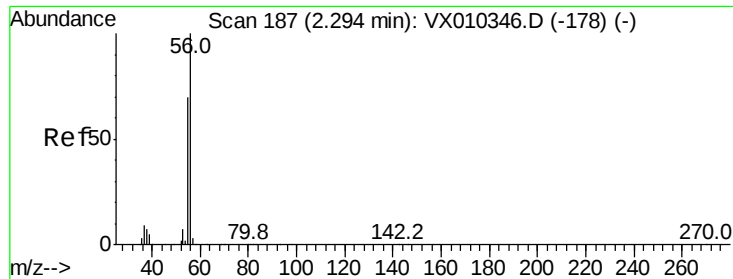


#12

1,1-Dichloroethene
Concen: 94.590 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.8	109.2	163.8
98	64.6	51.1	76.7





#13

Acrolein

Concen: 1228.995 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 237469

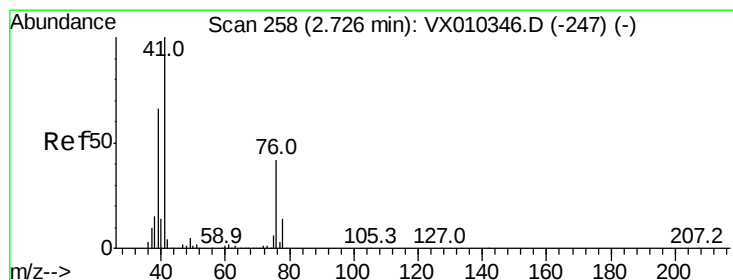
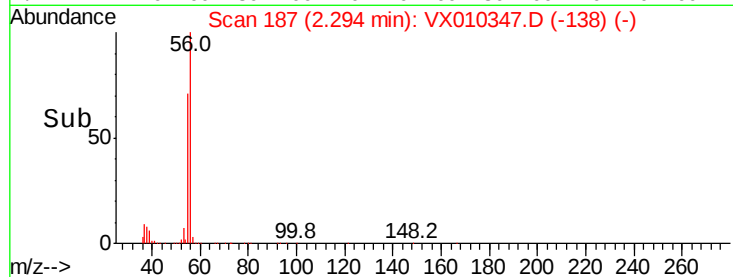
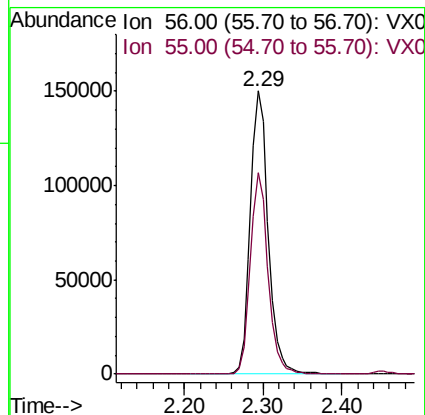
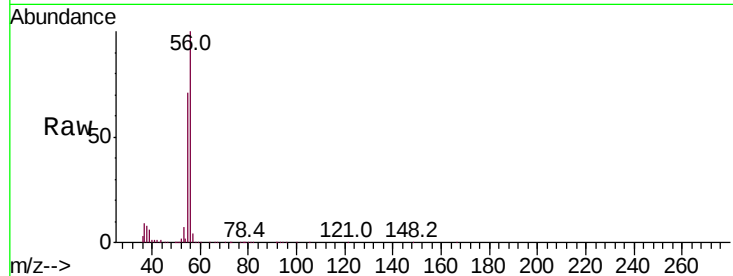
Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 93.050 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

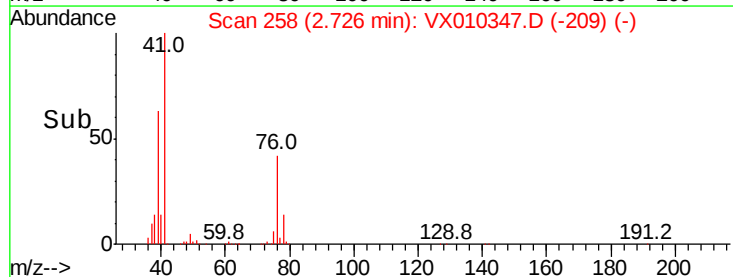
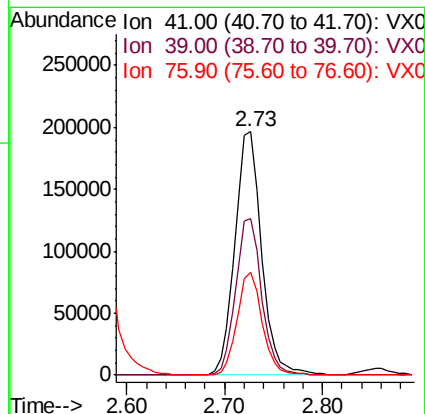
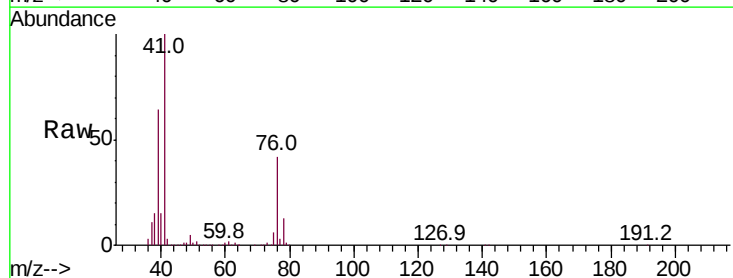
Tgt Ion: 41 Resp: 373674

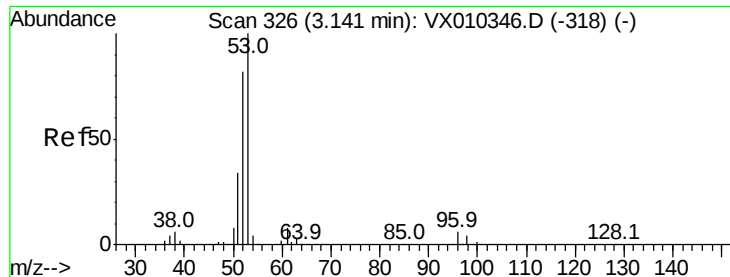
Ion Ratio Lower Upper

41 100

39 63.0 50.3 75.5

76 39.4 31.3 46.9





#15

Acrylonitrile

Concen: 497.466 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

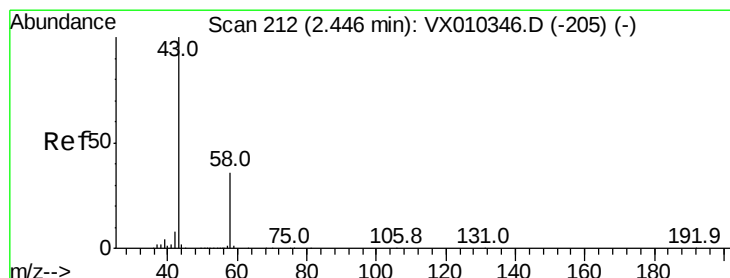
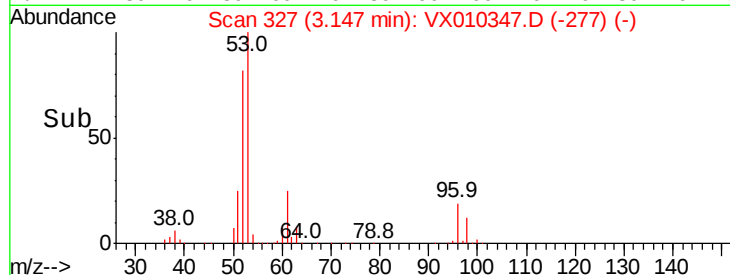
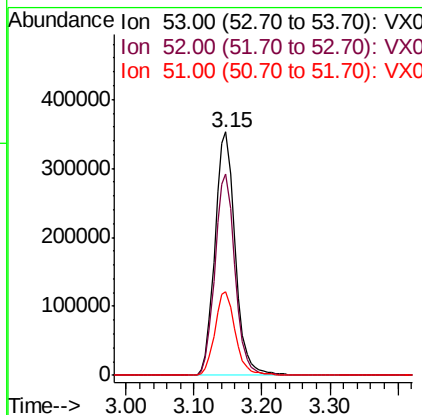
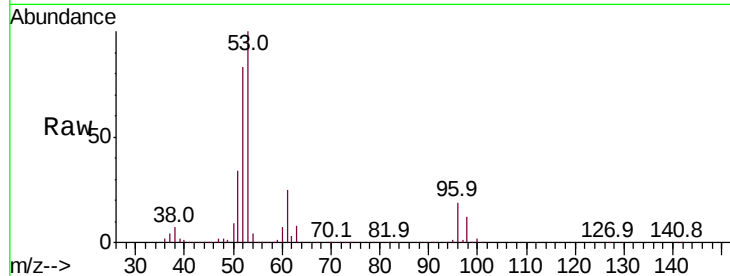
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	727671
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.5	98.3
51	34.6	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 509.861 ug/l

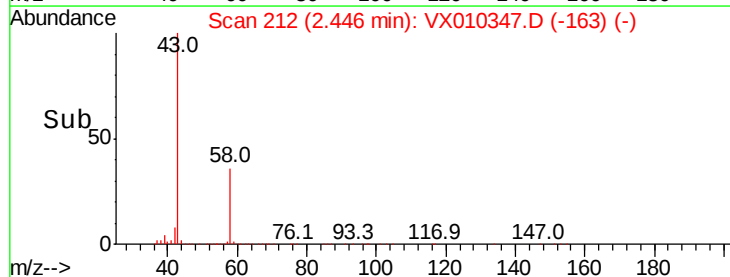
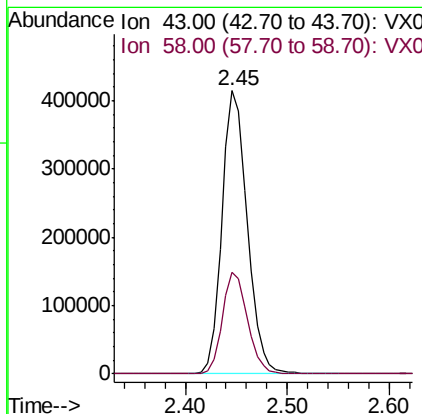
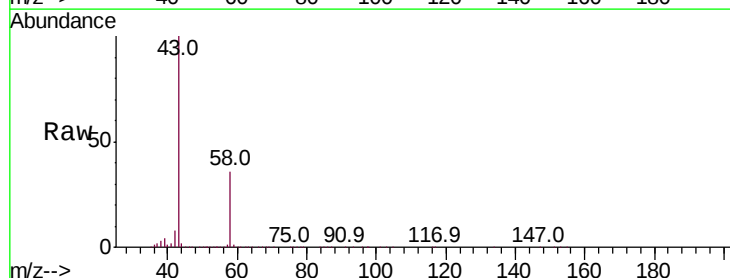
RT: 2.45 min Scan# 212

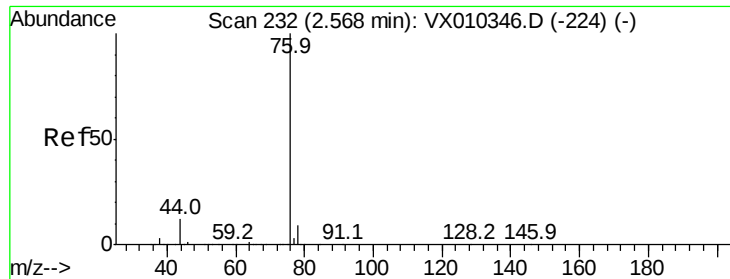
Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Tgt Ion:	43	Resp:	712064
Ion Ratio	Lower	Upper	
43	100		
58	35.9	28.9	43.3





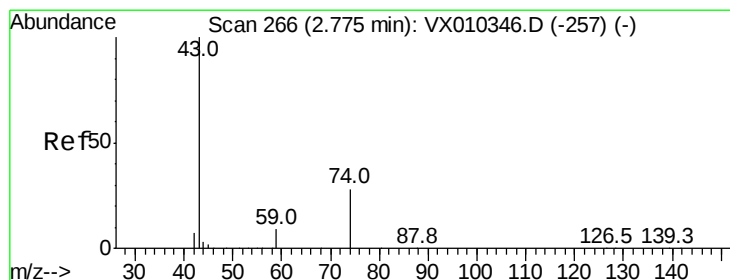
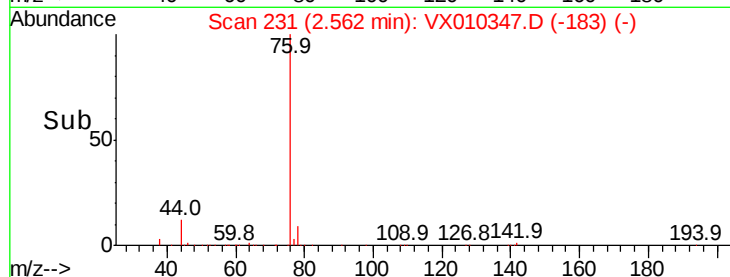
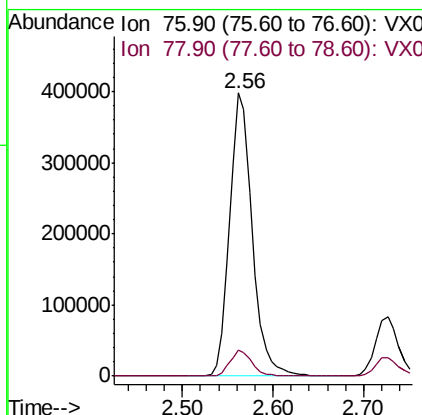
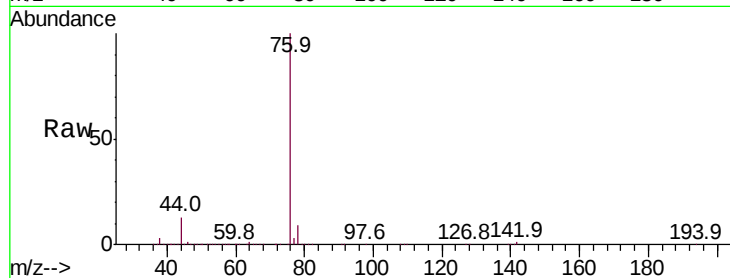
#17
Carbon Disulfide
Concen: 89.778 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

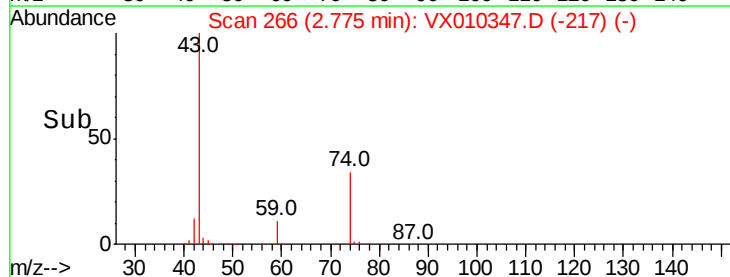
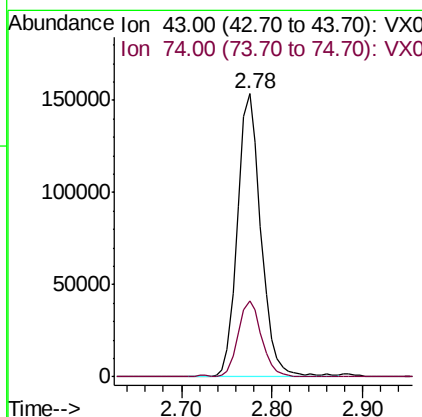
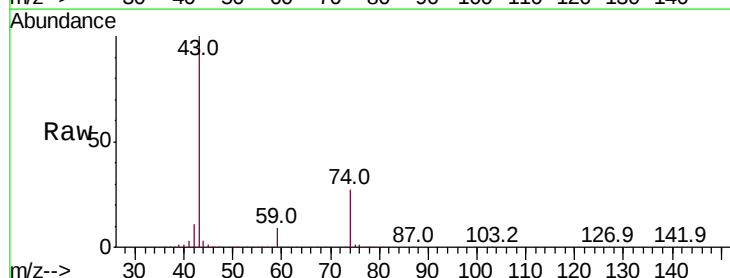
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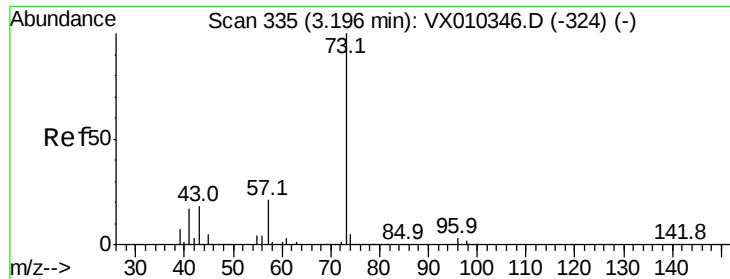
MMDadoda
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#18
Methyl Acetate
Concen: 91.687 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.3	31.9





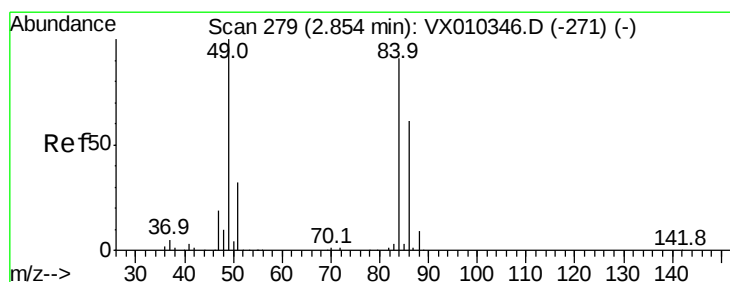
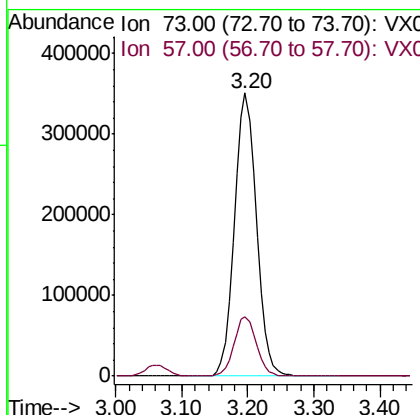
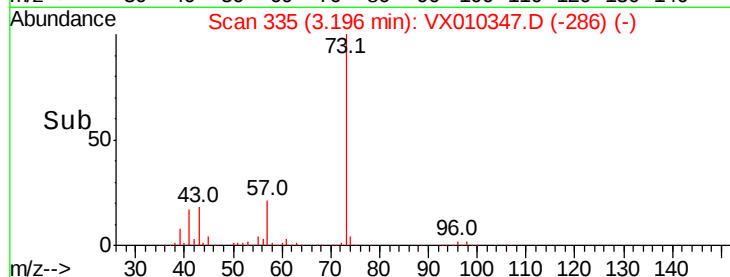
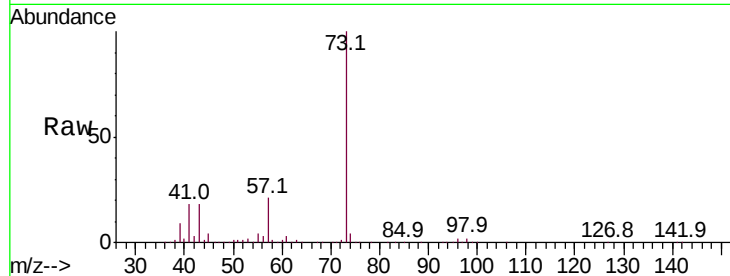
#19
Methyl tert-butyl Ether
Concen: 94.236 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 807891
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6

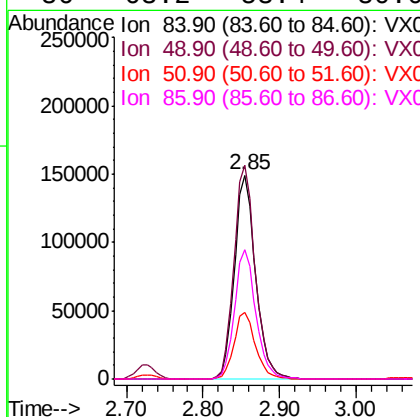
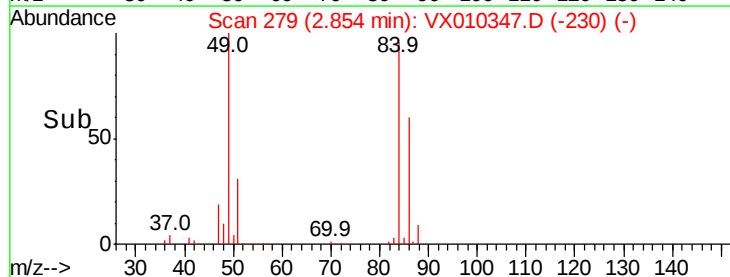
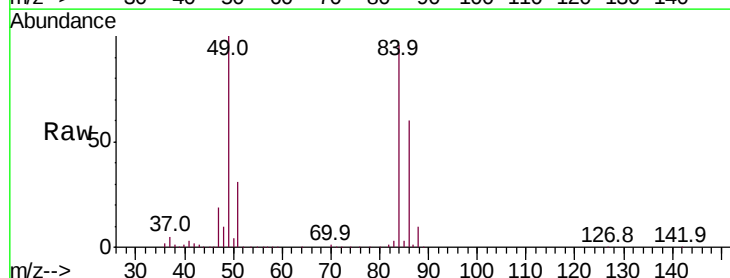
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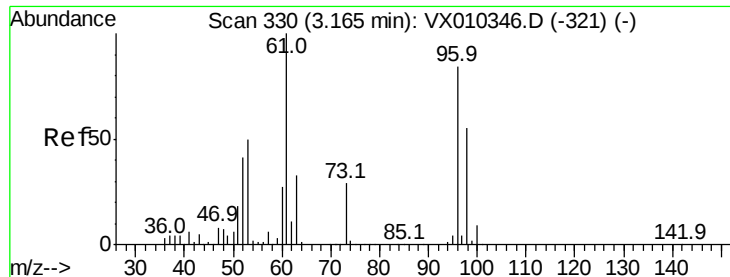
MMDadoda
6/20/2019 1:23:33 PM



#20
Methylene Chloride
Concen: 95.087 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion: 84 Resp: 285709
Ion Ratio Lower Upper
84 100
49 104.6 87.5 131.3
51 32.4 27.7 41.5
86 63.2 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 91.677 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 270820

Ion Ratio Lower Upper

96 100

61 122.5 95.6 143.4

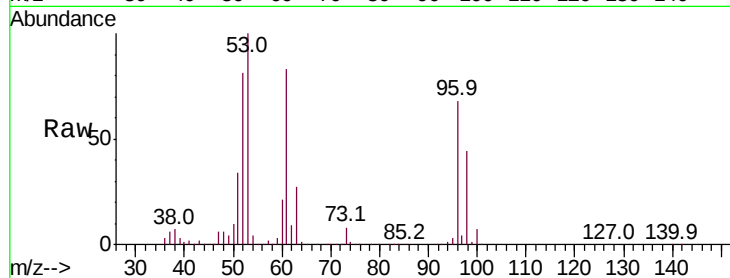
98 64.5 52.5 78.7

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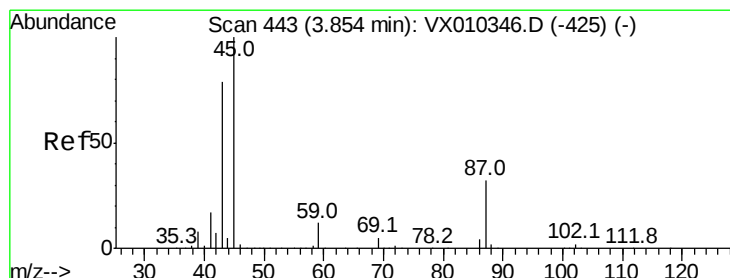
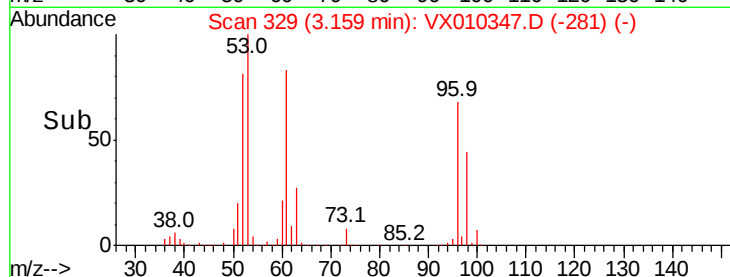
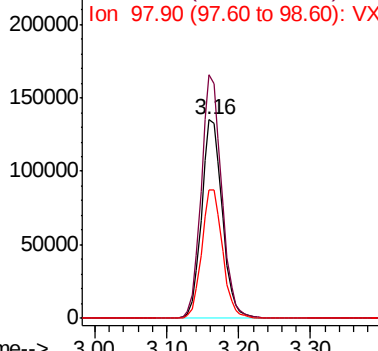


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 98.684 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Tgt Ion: 45 Resp: 762482

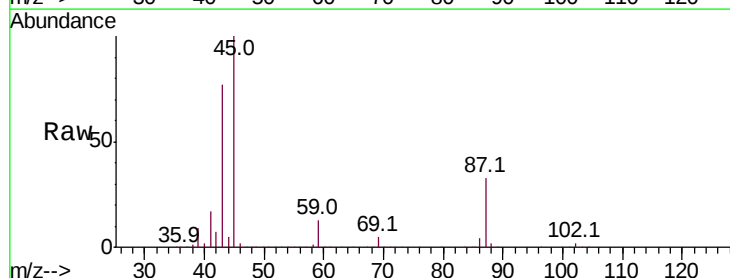
Ion Ratio Lower Upper

45 100

43 77.1 63.3 94.9

87 32.8 25.8 38.8

59 12.6 9.6 14.4



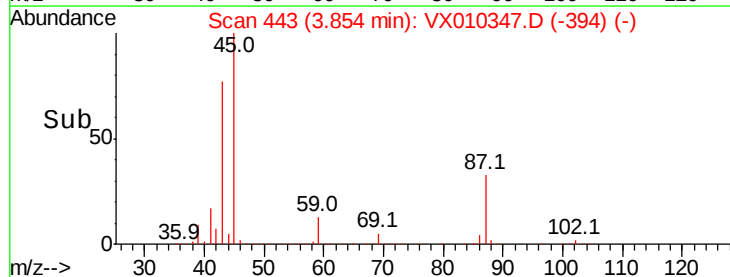
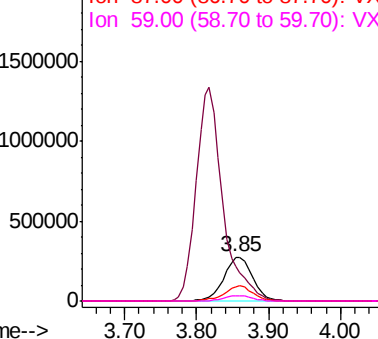
Abundance

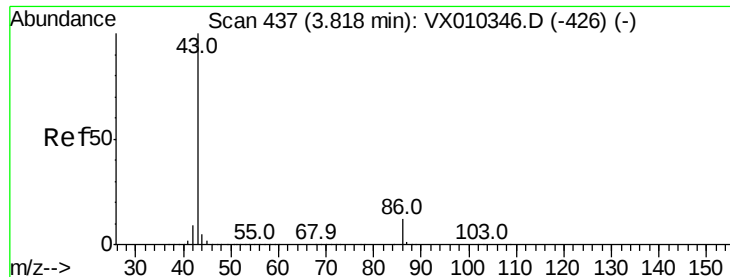
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 498.359 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 3435903

Ion Ratio Lower Upper

43 100

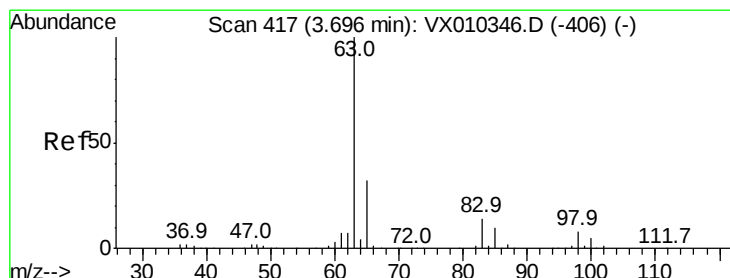
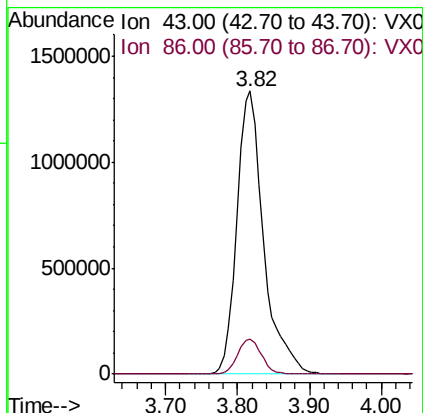
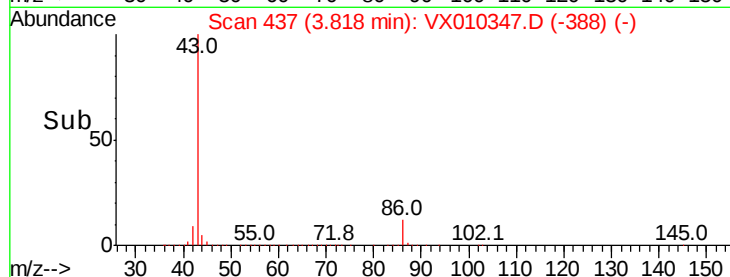
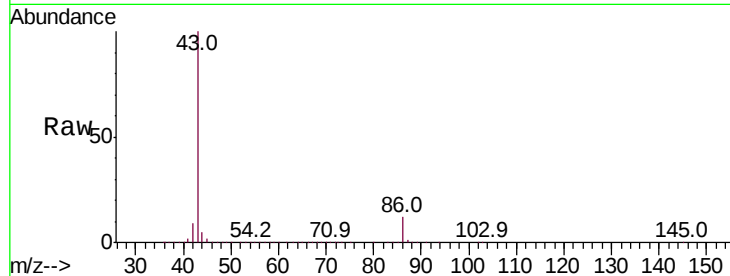
86 12.4 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 94.400 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

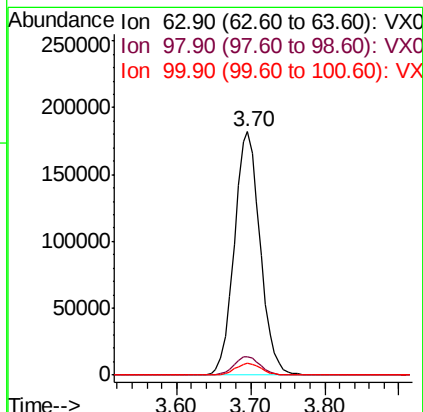
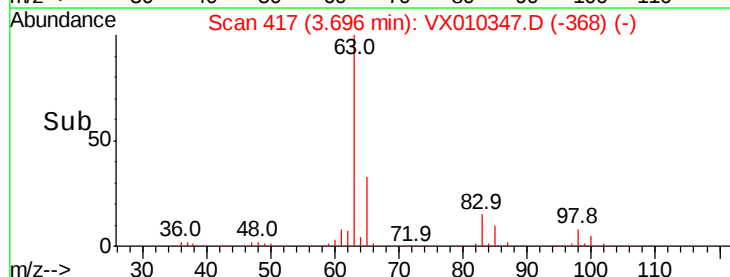
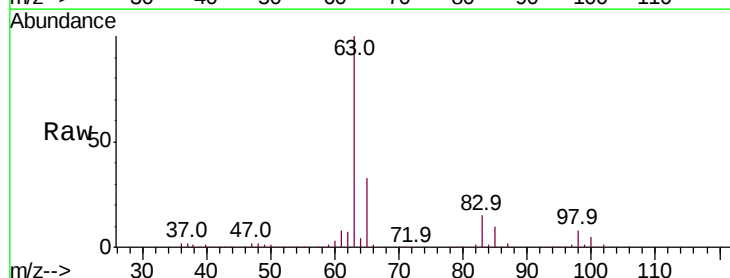
Tgt Ion: 63 Resp: 442268

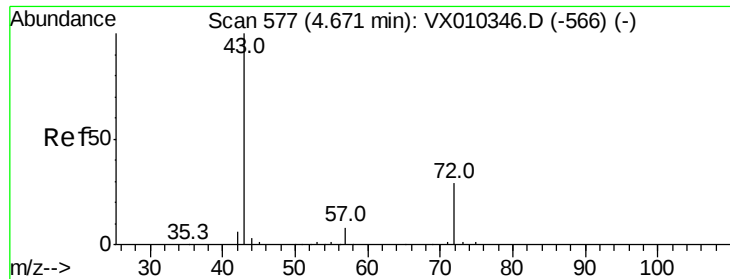
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 513.467 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1056119

Ion Ratio Lower Upper

43 100

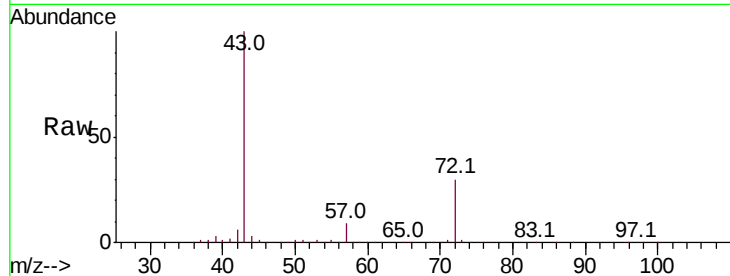
72 30.0 23.3 34.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

400000

300000

200000

100000

0

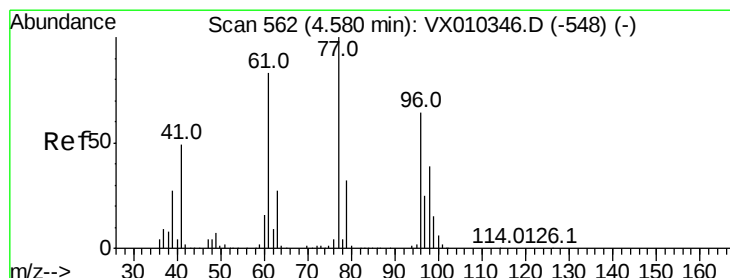
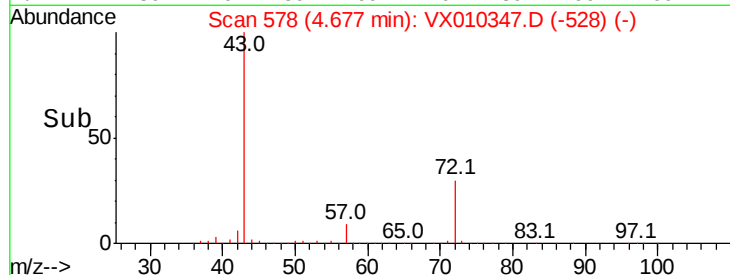
4.68

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 89.623 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010347.D

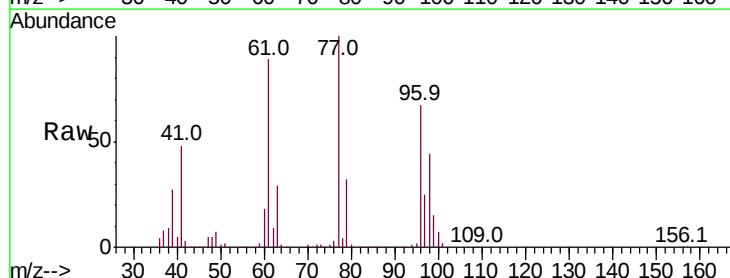
Acq: 19 Jun 2019 13:51

Tgt Ion: 77 Resp: 379025

Ion Ratio Lower Upper

77 100

97 25.9 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

50000

0

4.58

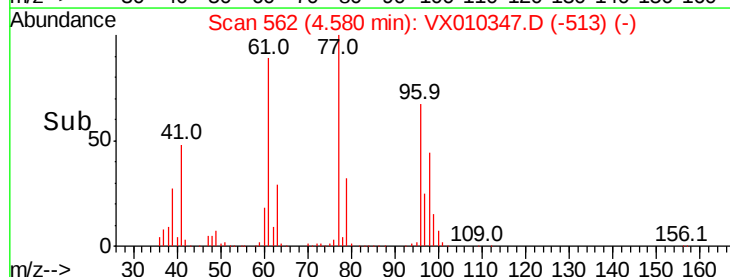
4.40

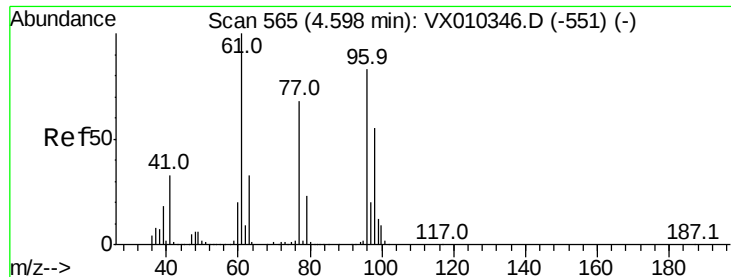
4.50

4.60

4.70

Time-->





#27

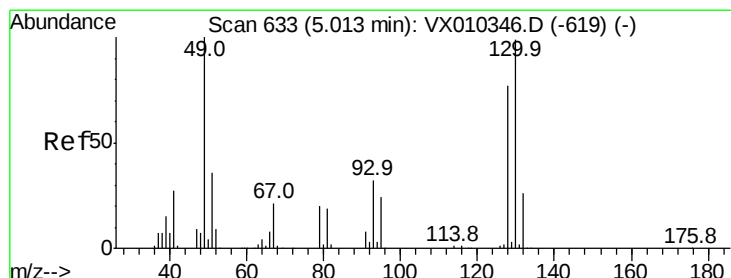
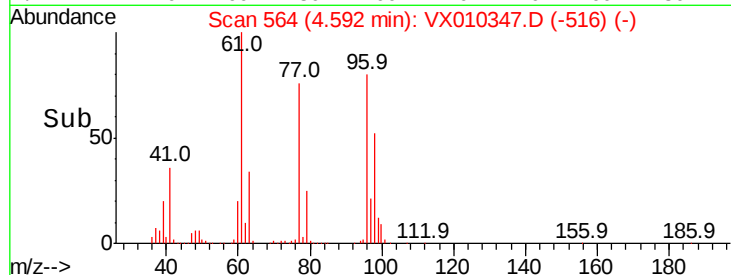
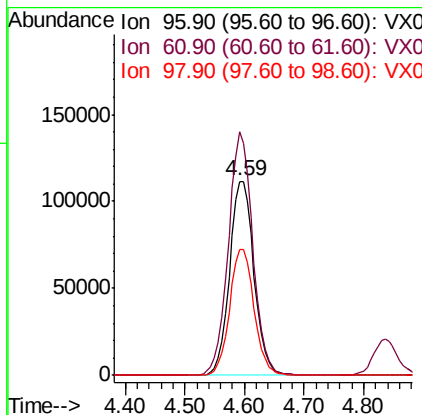
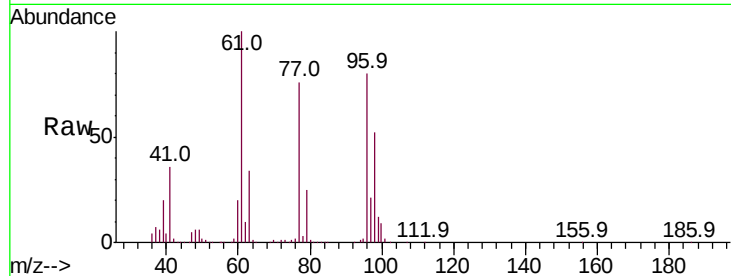
cis-1,2-Dichloroethene
Concen: 96.258 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	125.8	0.0	251.8	
98	65.2	0.0	129.4	

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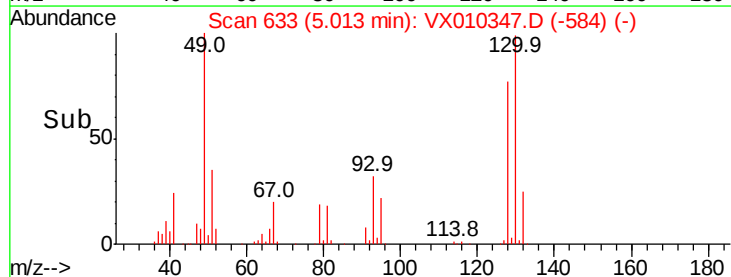
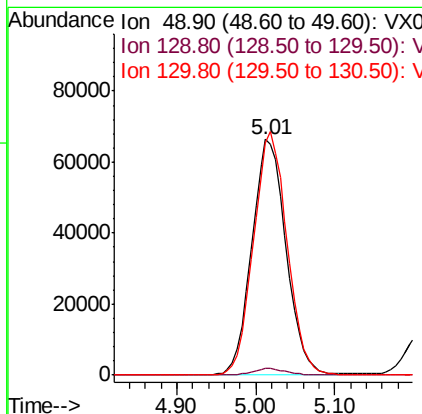
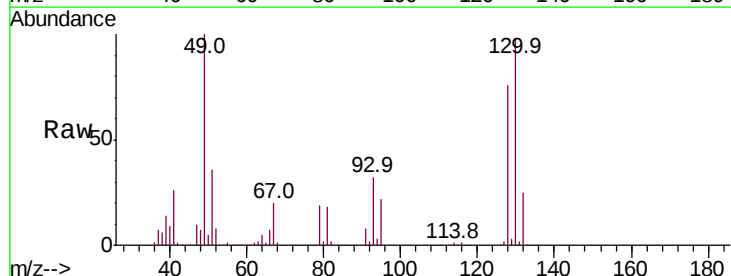
MMDadoda
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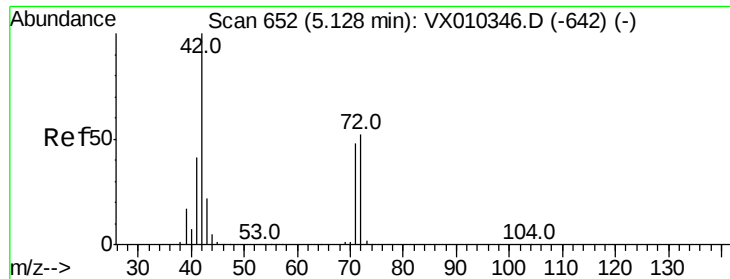


#28

Bromochloromethane
Concen: 95.093 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.7	0.0	5.6	
130	101.0	81.4	122.0	





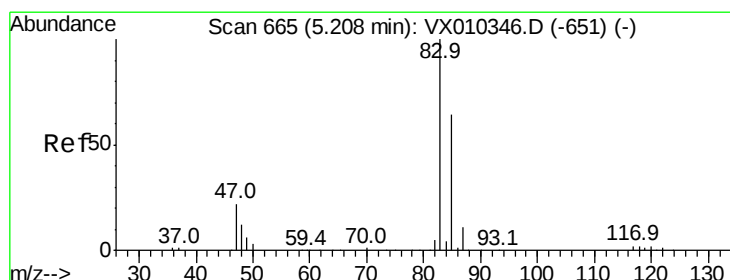
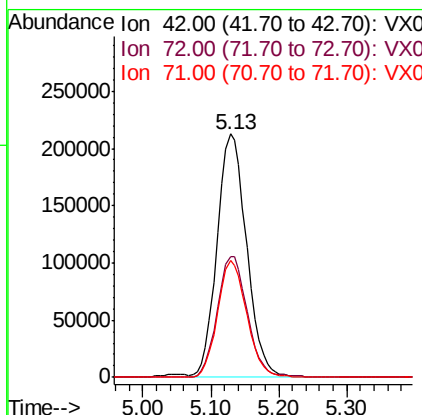
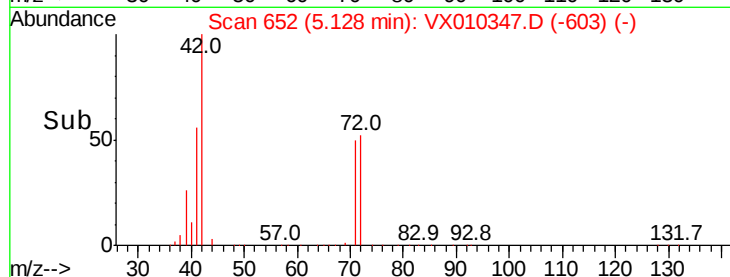
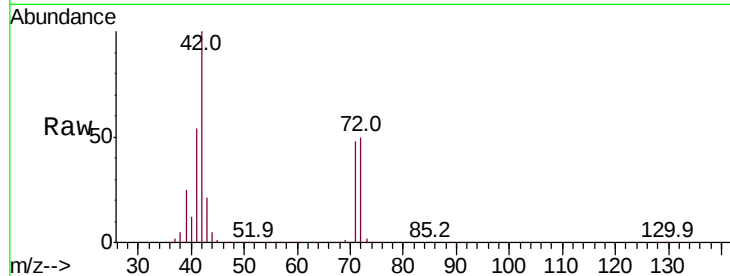
#29
Tetrahydrofuran
Concen: 497.275 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.8	40.6	60.8
71	47.5	37.8	56.8

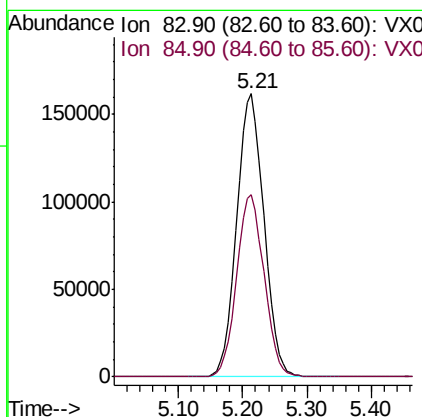
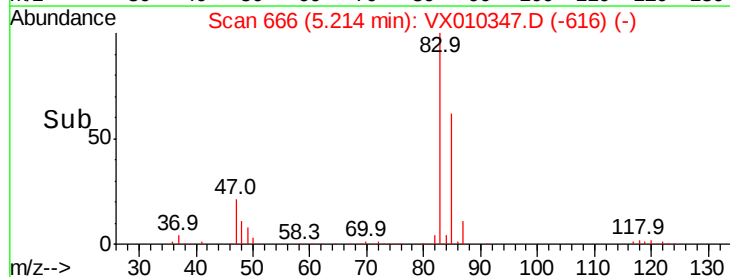
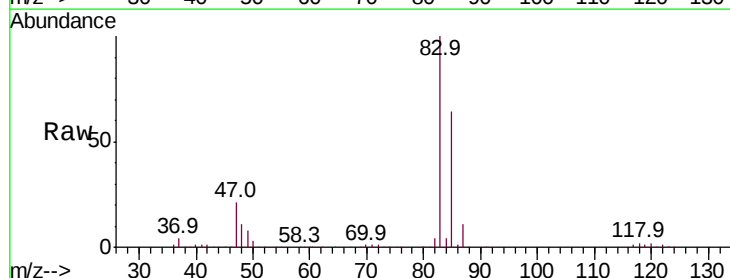
Manual Integrations
APPROVED

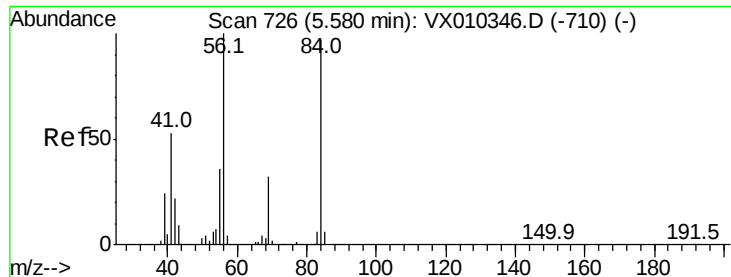
MMDadoda
6/20/2019 1:23:33 PM



#30
Chloroform
Concen: 97.223 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3





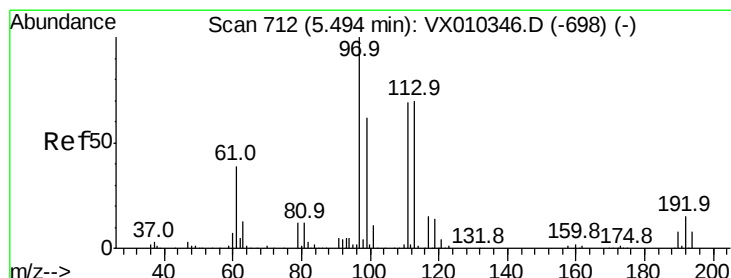
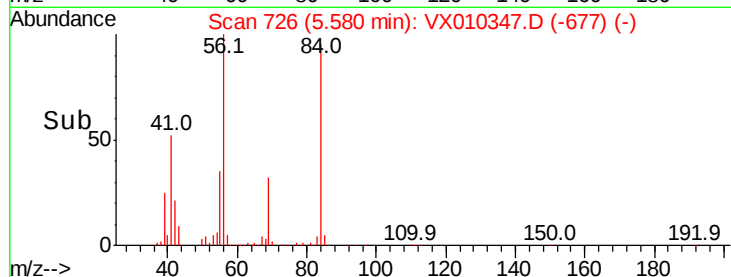
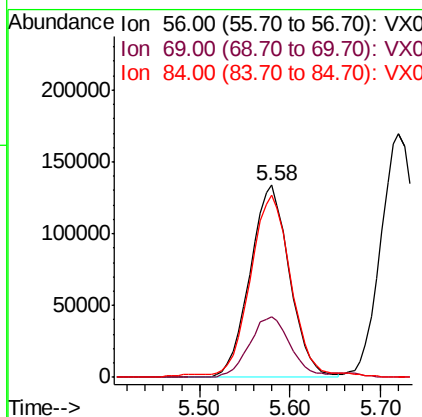
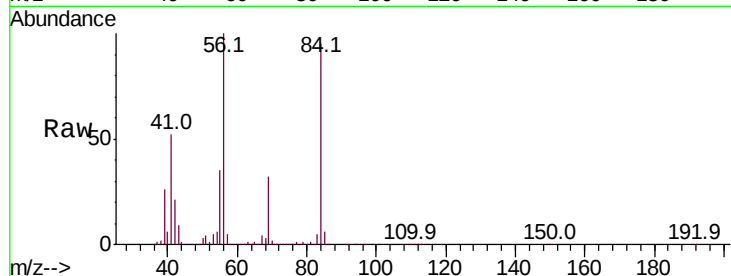
#31
Cyclohexane
Concen: 95.719 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.9	38.9
84	93.1	78.0	117.0

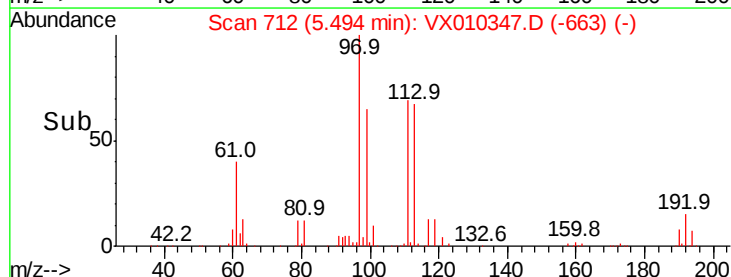
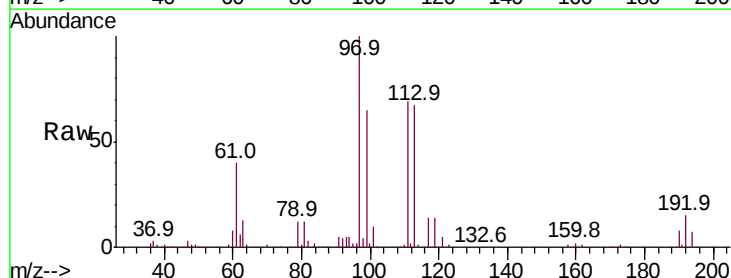
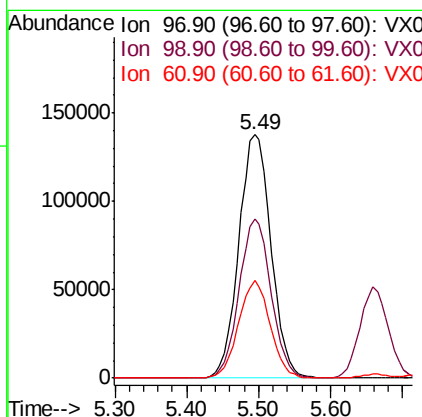
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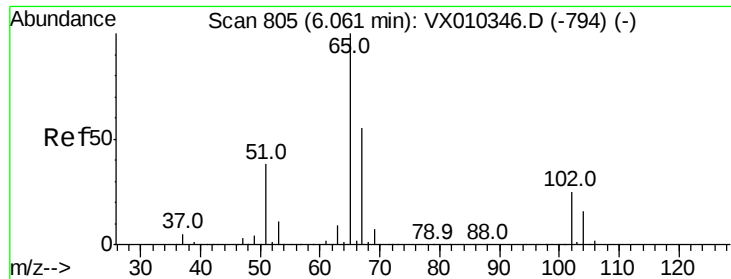
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 93.623 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.8
61	39.5	32.1	48.1





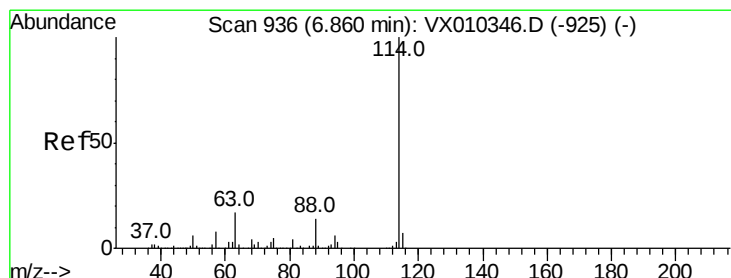
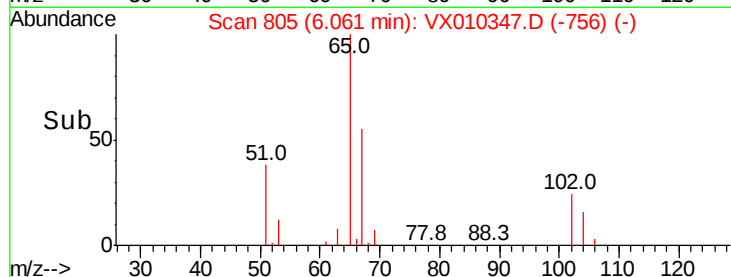
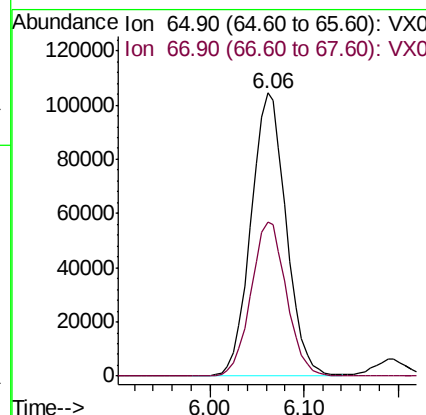
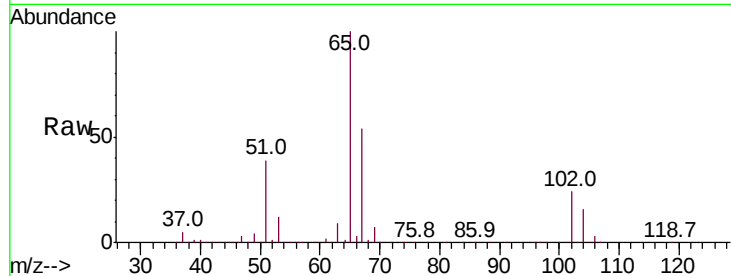
#33
 1,2-Dichloroethane-d4
 Concen: 93.832 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010347.D
 Acq: 19 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	110.2

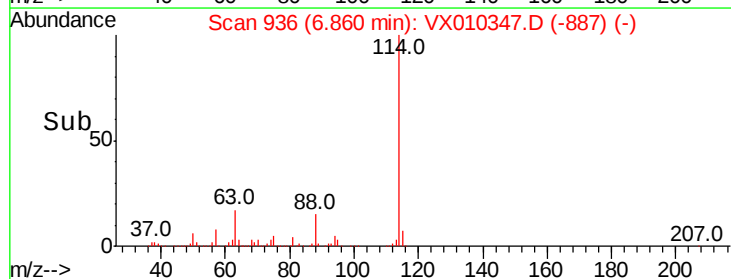
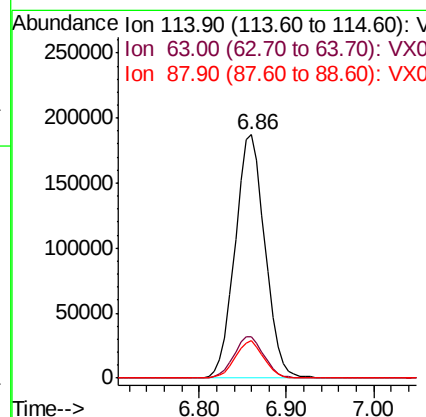
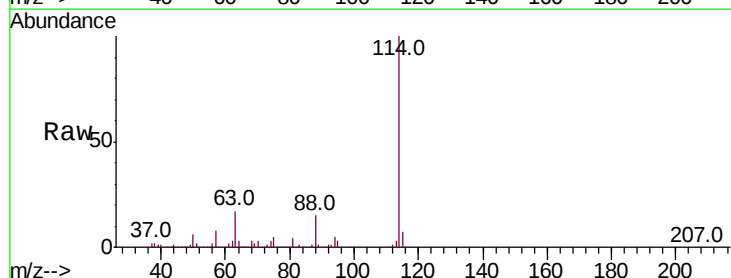
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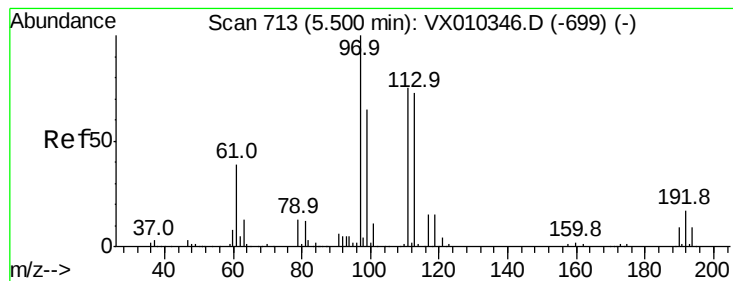
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010347.D
 Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	33.8
88	15.2	0.0	27.6





#35

Dibromofluoromethane

Concen: 97.969 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

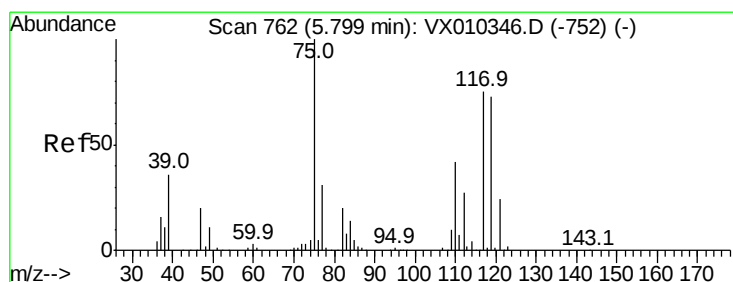
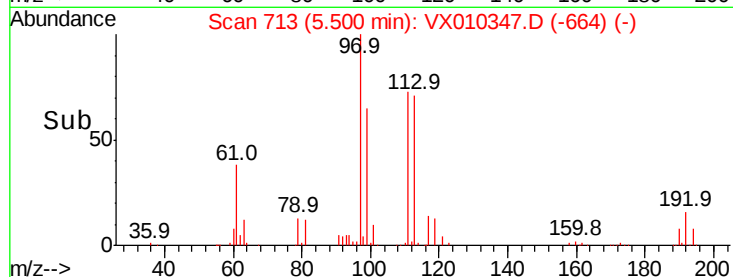
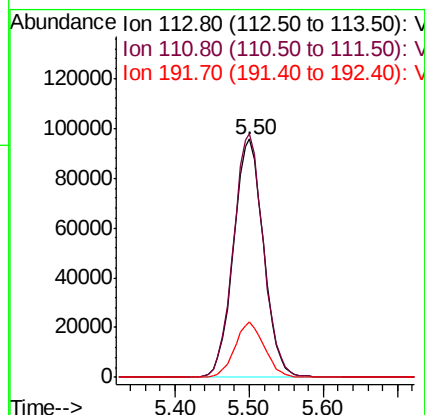
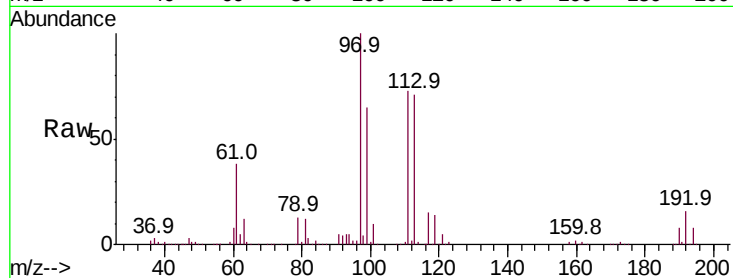
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	270589
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.2	121.8
192	22.9	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 97.229 ug/l

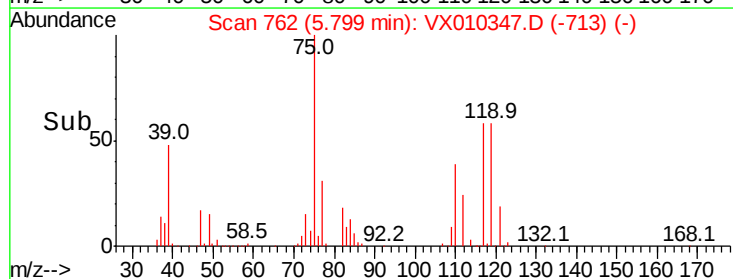
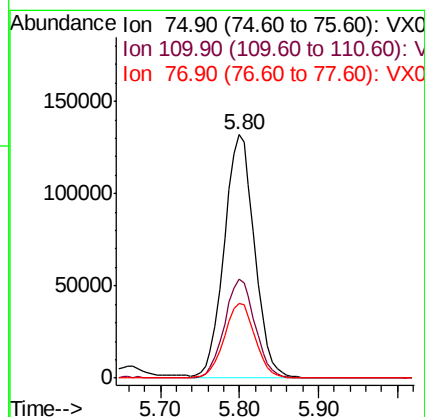
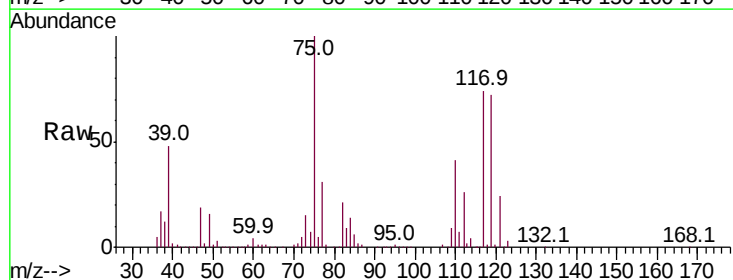
RT: 5.80 min Scan# 762

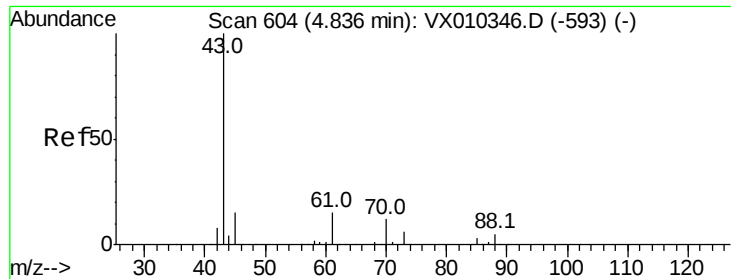
Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Tgt Ion:	75	Resp:	352522
Ion Ratio	Lower	Upper	
75	100		
110	41.1	20.8	62.2
77	31.2	25.4	38.0





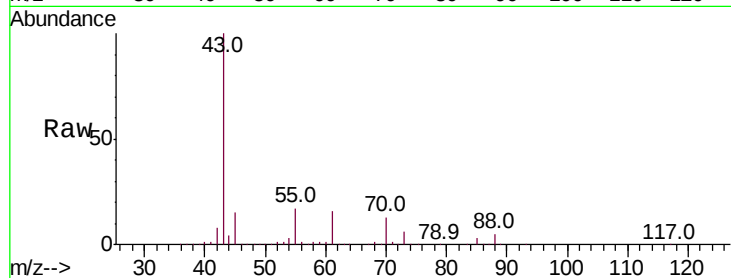
#37
Ethyl Acetate
Concen: 99.103 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.4	18.6
70	12.2	9.8	14.8

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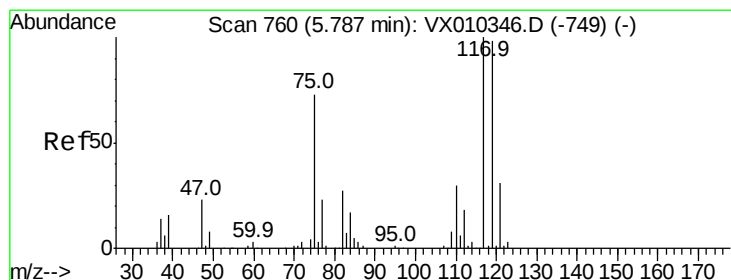
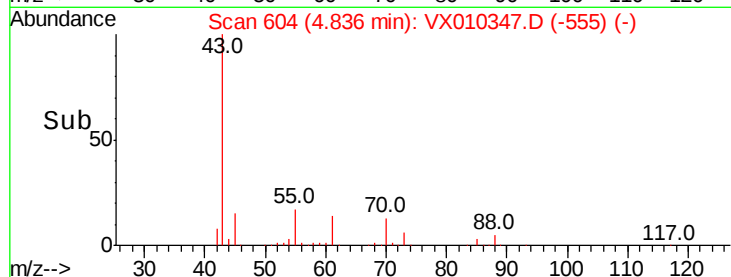
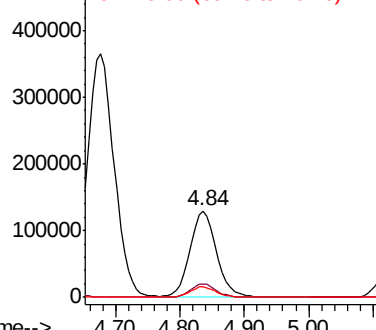


Abundance

Ion 43.00 (42.70 to 43.70): VX0

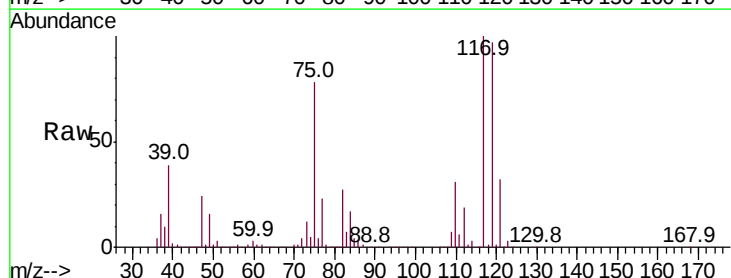
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 95.181 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.2	117.4
121	31.8	24.7	37.1

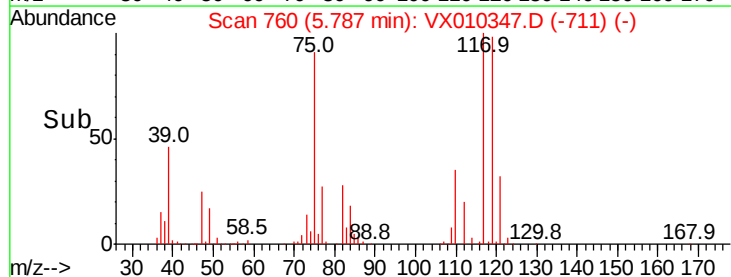
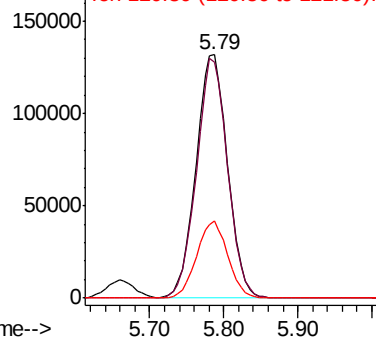


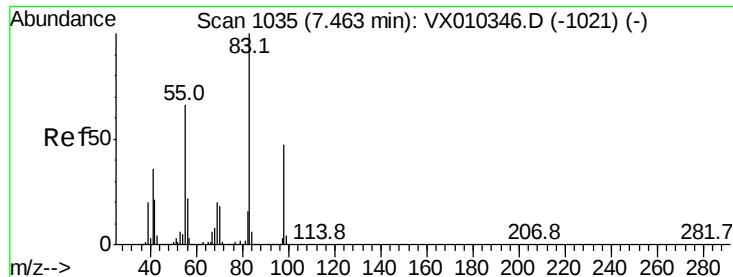
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





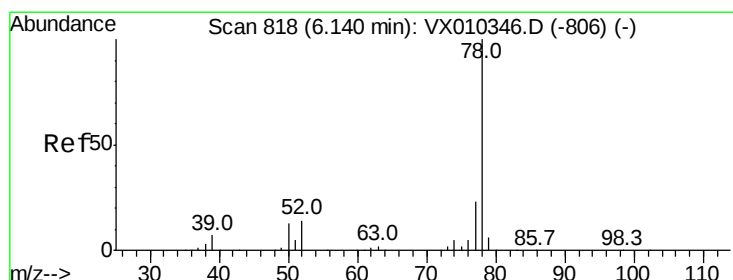
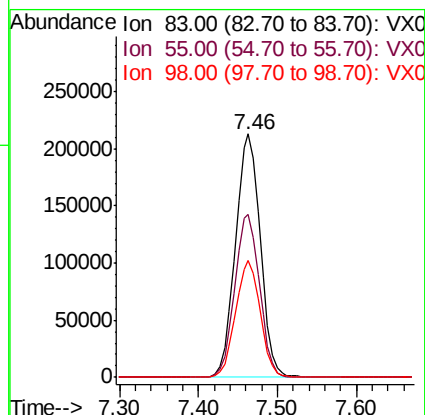
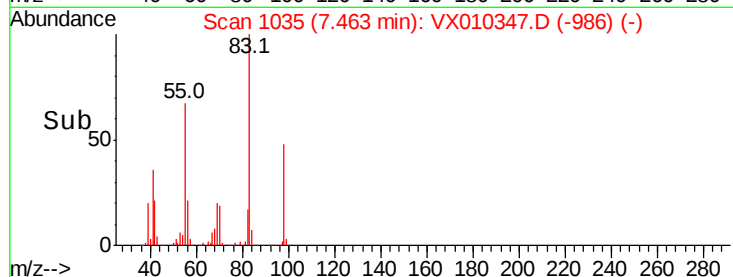
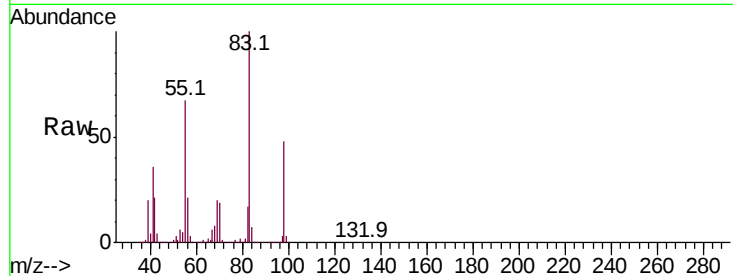
#39
Methvlcvclohexane
Concen: 94.635 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.7	53.0	79.6
98	48.1	37.8	56.8

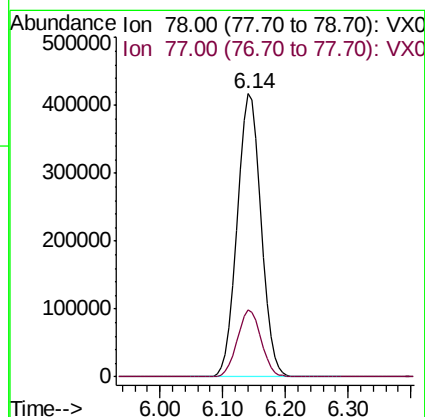
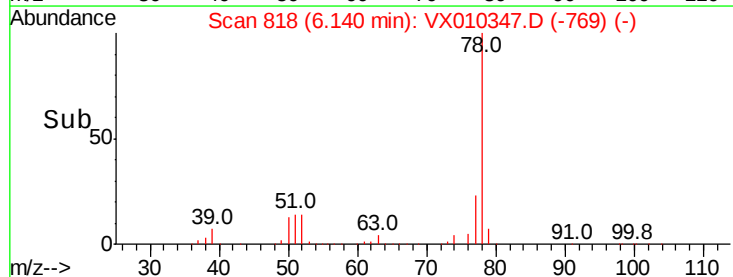
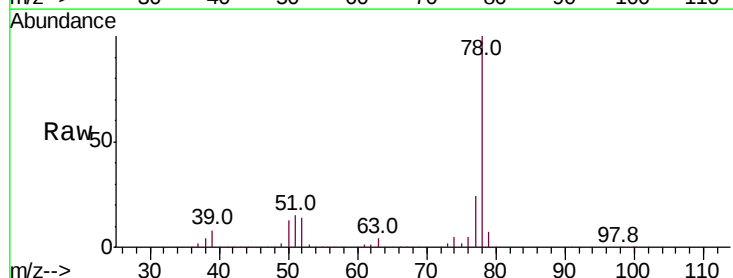
Manual Integrations
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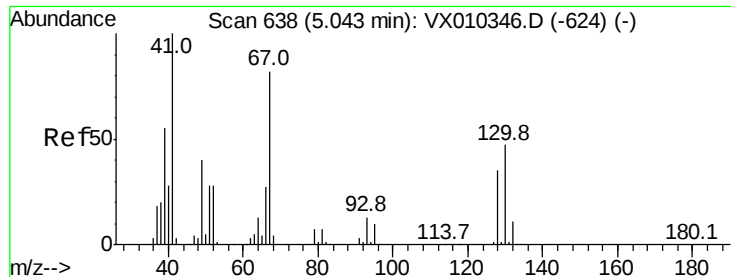
MMDadoda
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#40
Benzene
Concen: 97.964 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





#41

Methacrylonitrile

Concen: 100.172 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 41 Resp: 204687
Ion Ratio Lower Upper

41 100

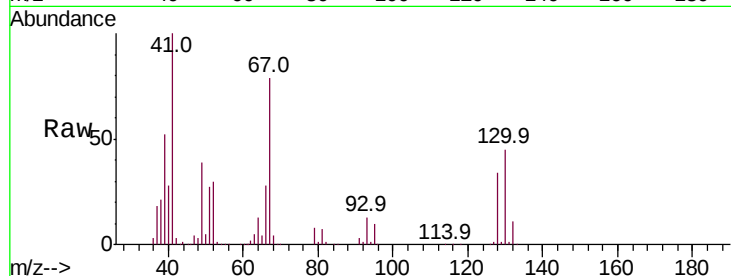
39 53.5 43.8 65.8

67 82.0 66.6 100.0

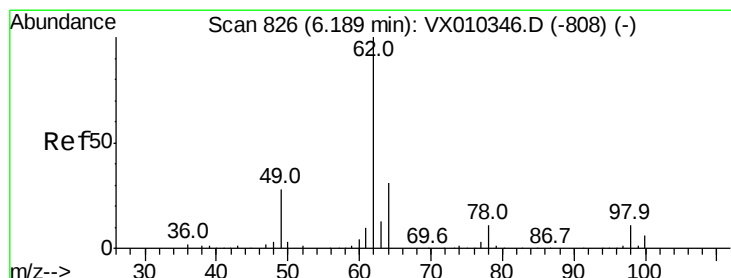
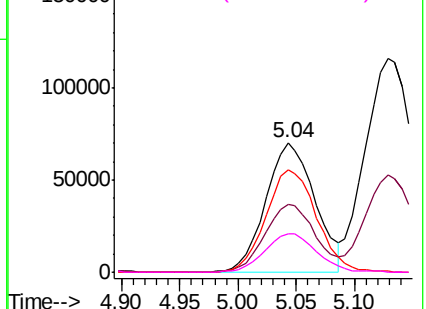
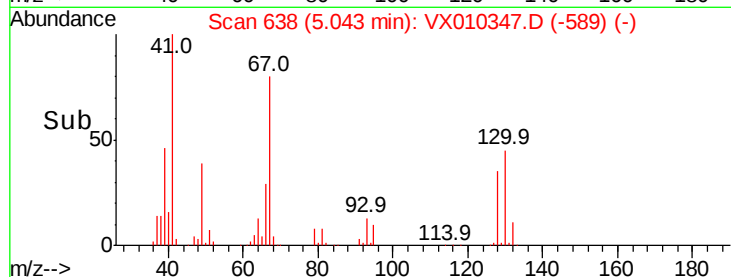
52 31.0 24.5 36.7

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 95.848 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

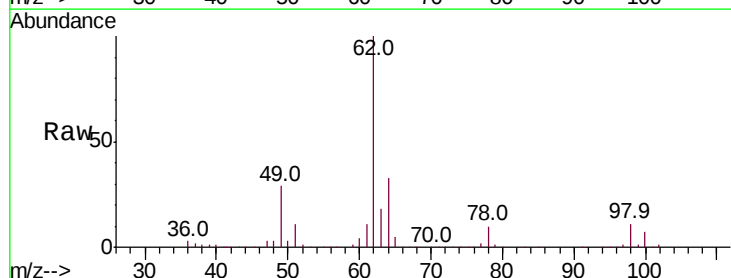
Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

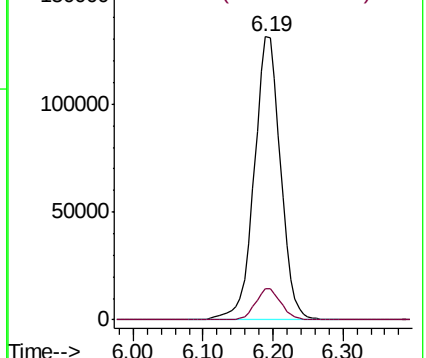
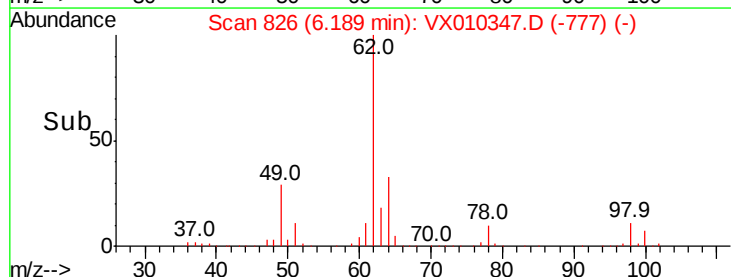
Tgt Ion: 62 Resp: 342527
Ion Ratio Lower Upper

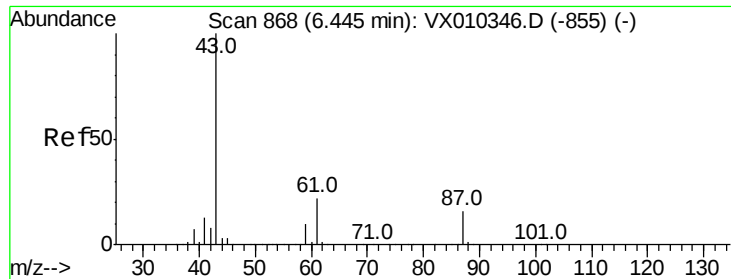
62 100

98 10.8 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

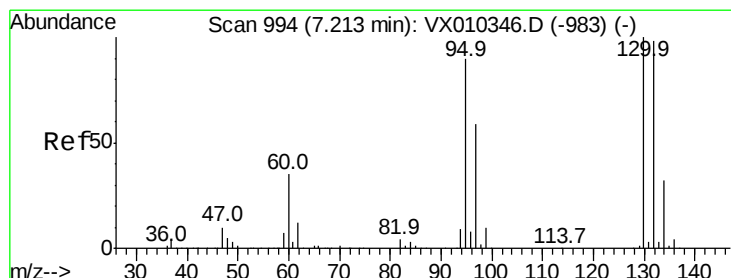
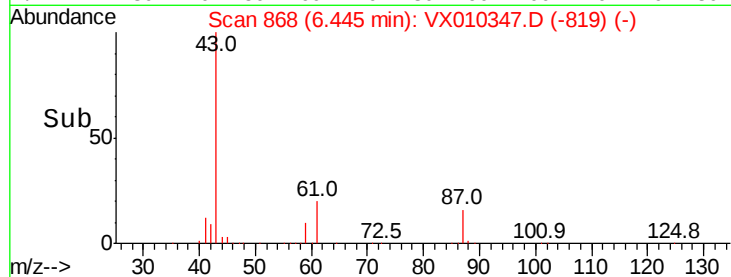
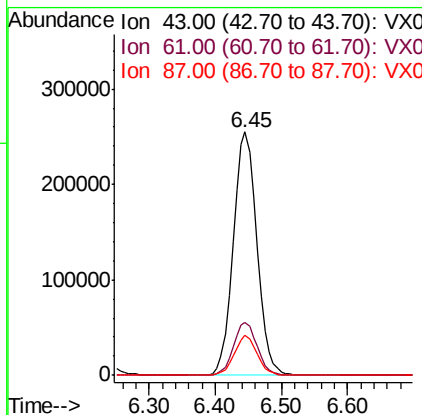
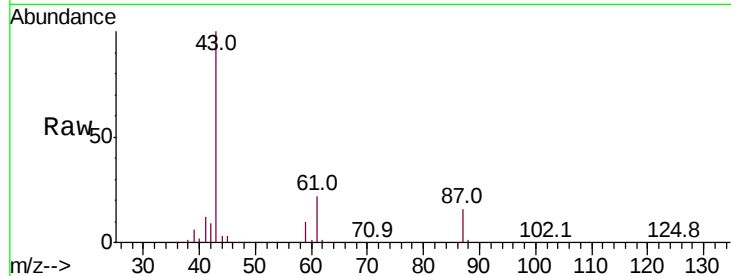
Isopropyl Acetate
 Concen: 99.659 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010347.D
 Acq: 19 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.8	26.6
87	15.8	13.0	19.4

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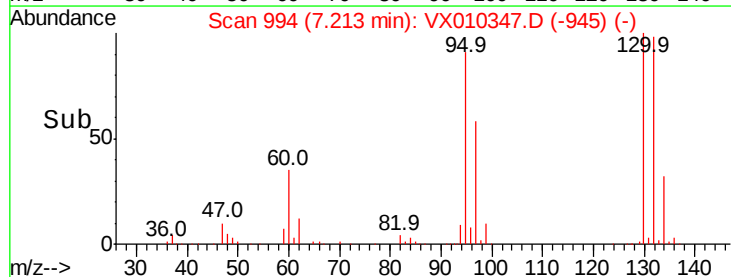
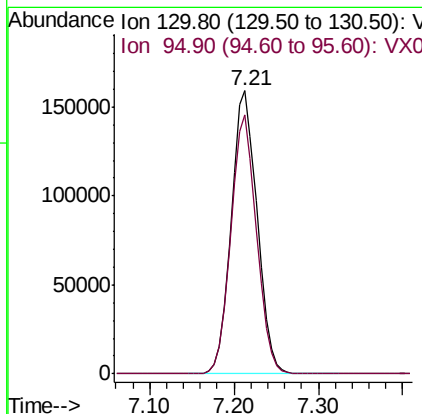
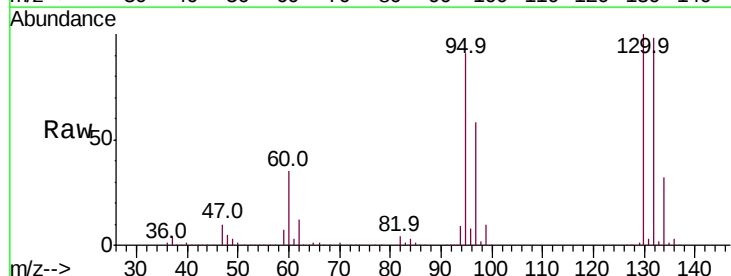
MMDadoda
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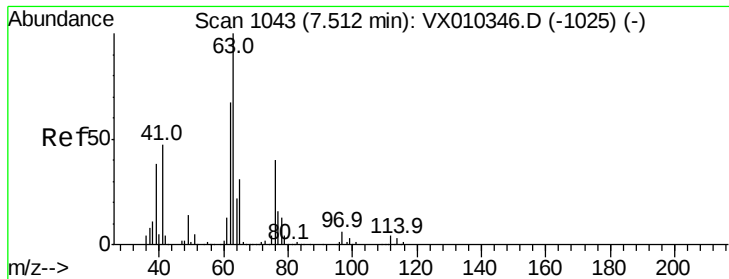


#44

Trichloroethene
 Concen: 97.254 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010347.D
 Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	180.8





#45

1,2-Dichloropropane

Concen: 98.628 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 277380

Ion Ratio Lower Upper

63 100

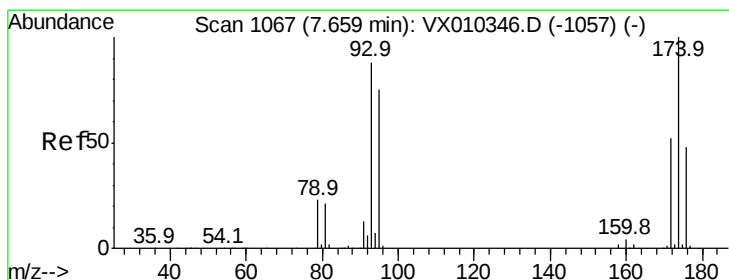
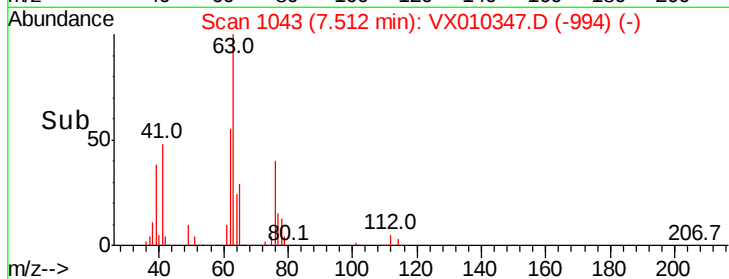
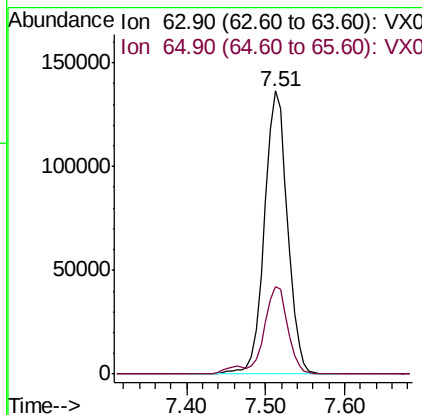
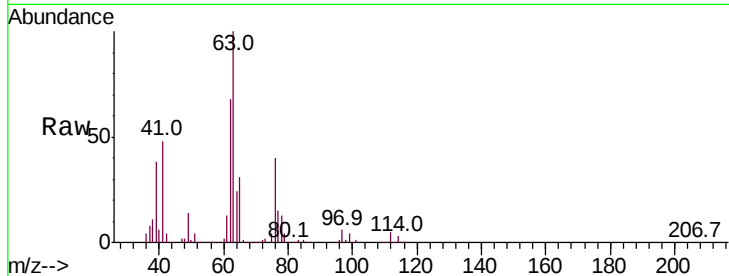
65 30.7 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 96.164 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

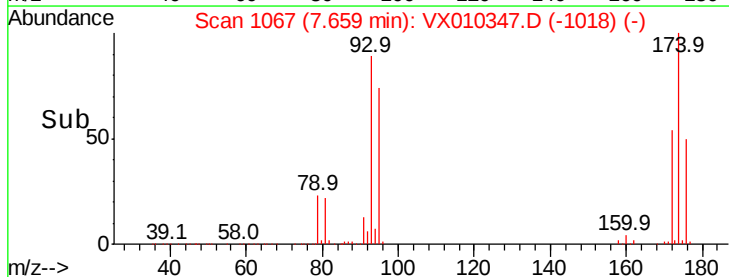
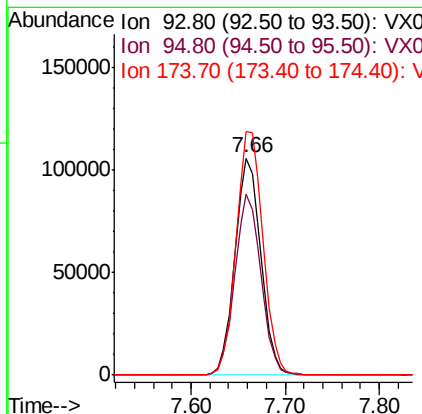
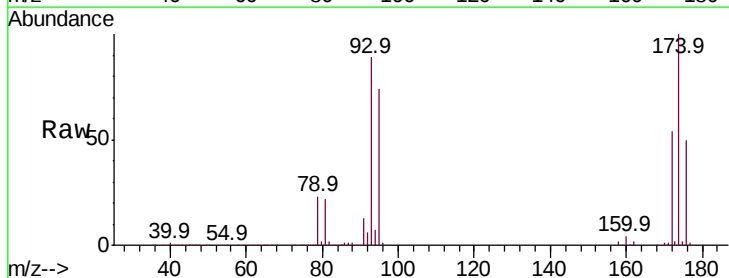
Tgt Ion: 93 Resp: 202786

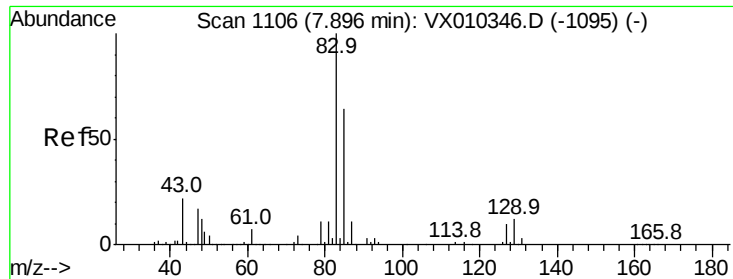
Ion Ratio Lower Upper

93 100

95 83.5 67.5 101.3

174 116.5 95.8 143.6





#47

Bromodichloromethane

Concen: 97.556 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

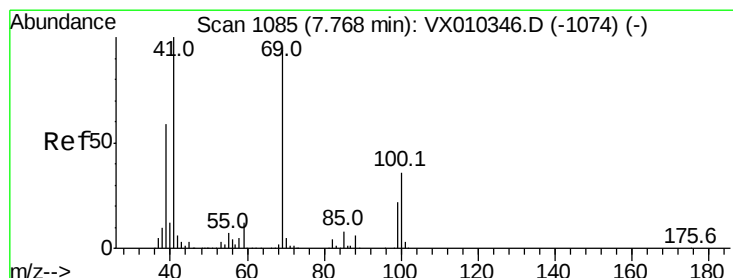
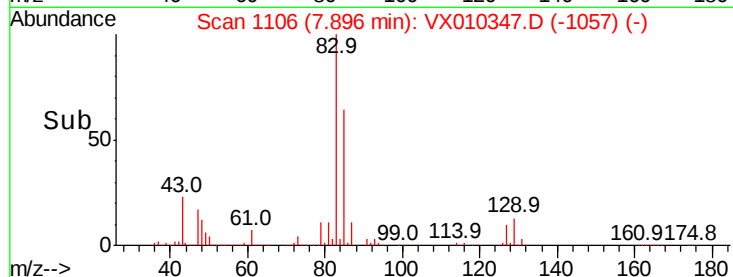
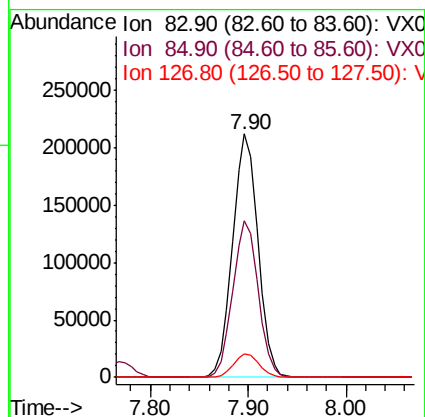
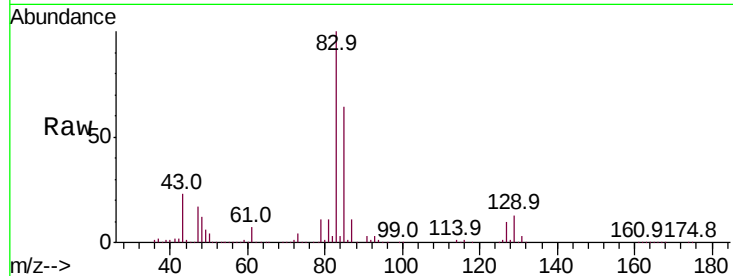
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	381936
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.5	77.3
127	9.7	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 101.097 ug/l

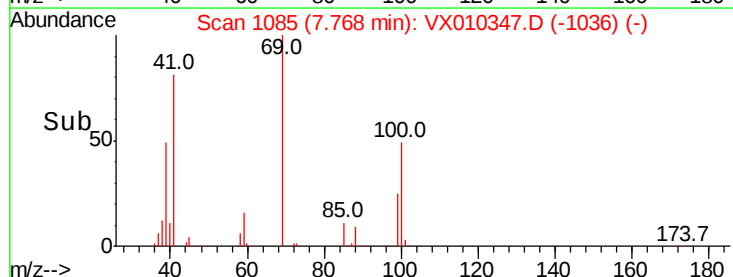
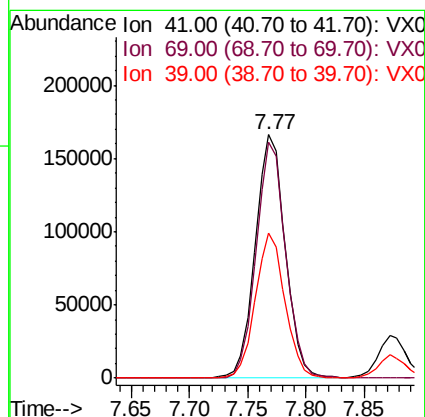
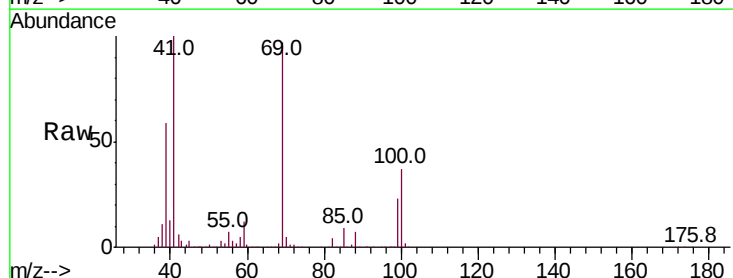
RT: 7.77 min Scan# 1085

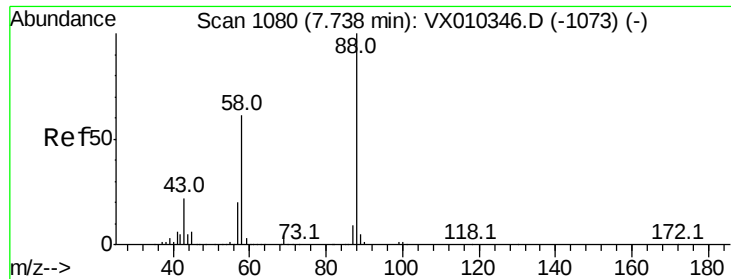
Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Tgt Ion:	41	Resp:	297283
Ion	Ratio	Lower	Upper
41	100		
69	95.7	76.1	114.1
39	58.5	47.6	71.4





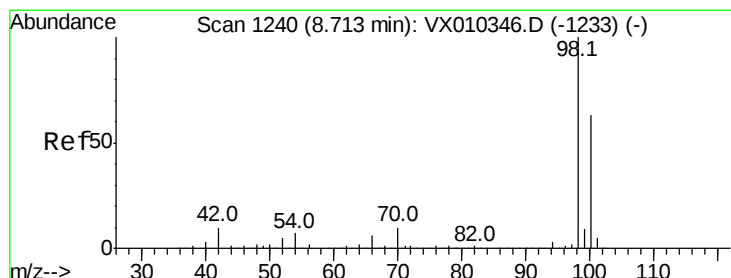
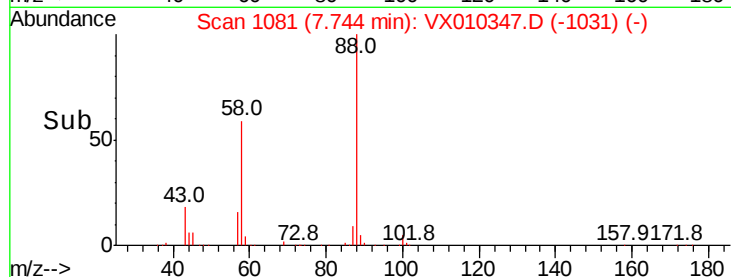
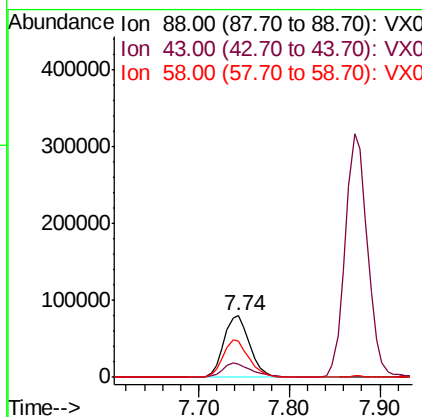
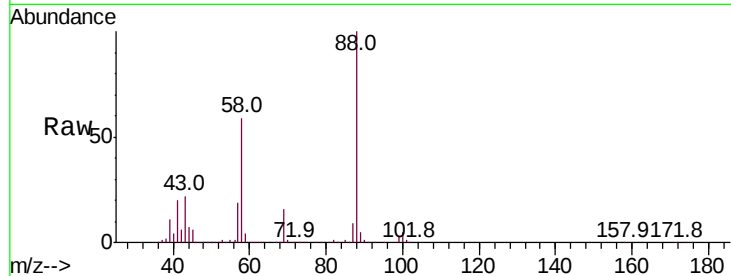
#49
1,4-Dioxane
Concen: 1895.967 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.7	20.2	30.2
58	61.3	49.5	74.3

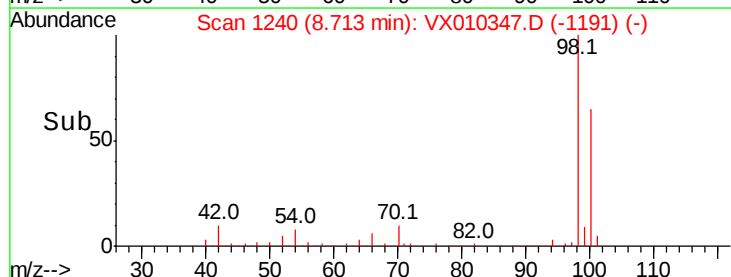
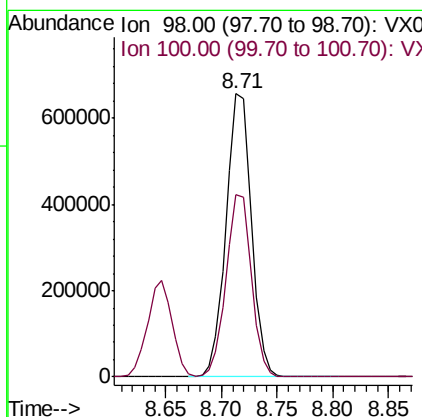
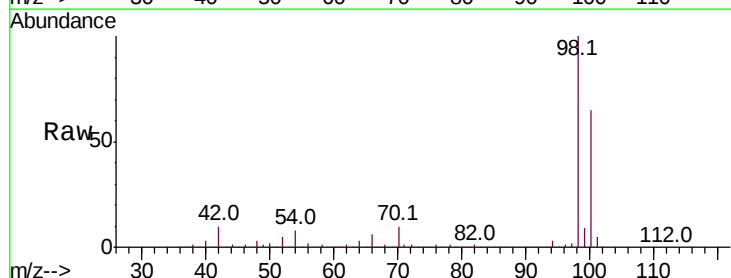
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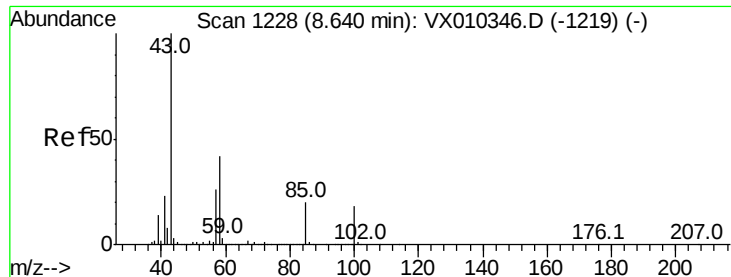
MMDadoda
6/20/2019 1:23:33 PM



#50
Toluene-d8
Concen: 100.081 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





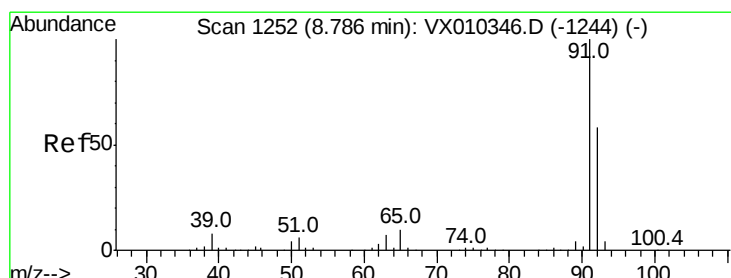
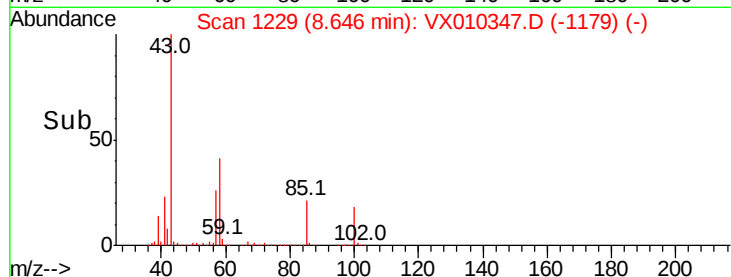
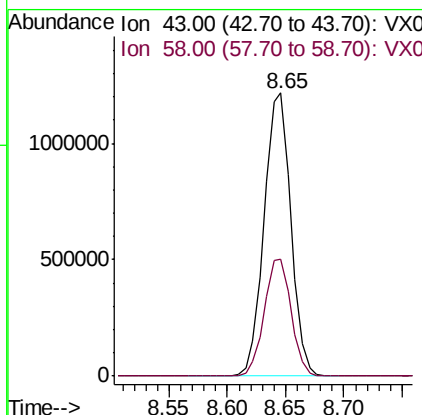
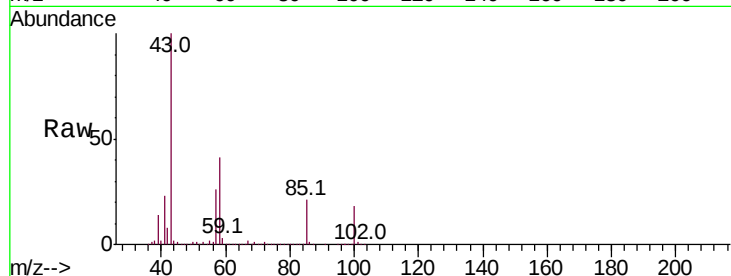
#51
4-Methyl-2-Pentanone
Concen: 514.177 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleID :
VSTDICC100

Tot Ion: 43 Resp: 1948082
Ion Ratio Lower Upper
43 100
58 41.6 33.5 50.3

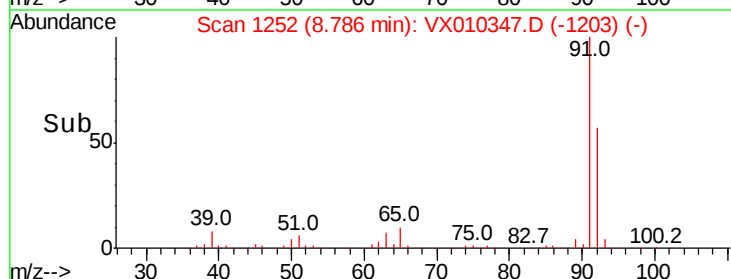
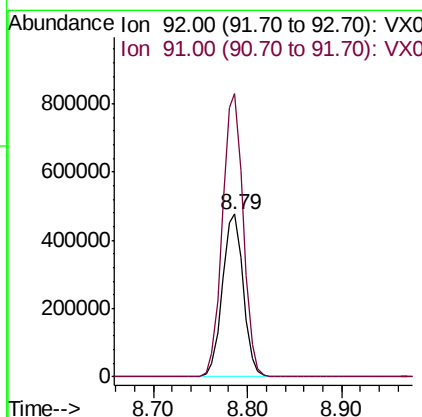
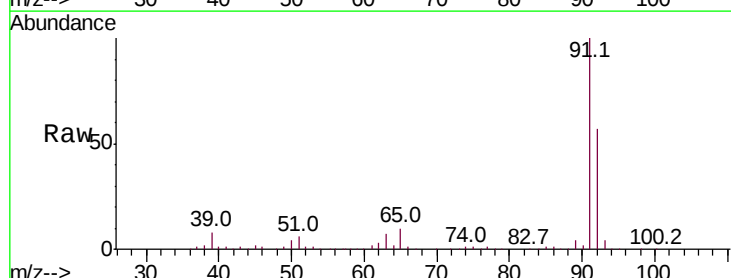
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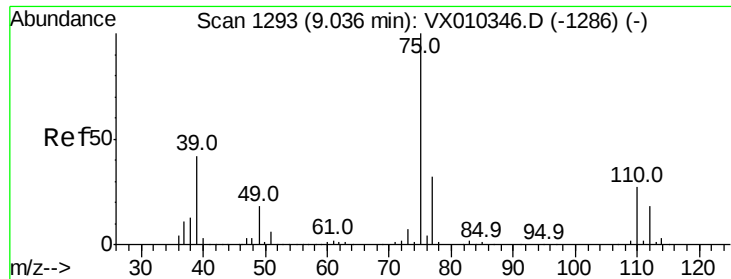
MMDadoda
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#52
Toluene
Concen: 98.242 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion: 92 Resp: 727707
Ion Ratio Lower Upper
92 100
91 174.2 139.8 209.6





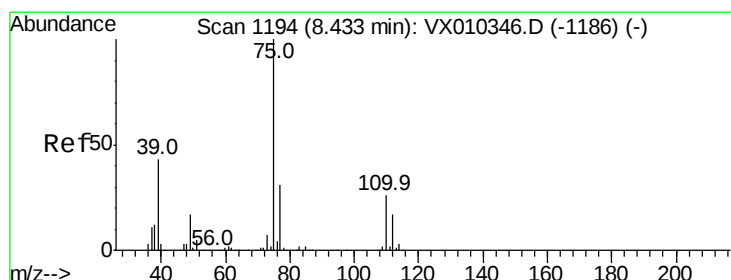
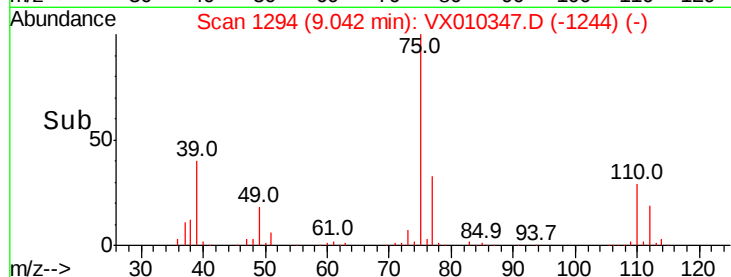
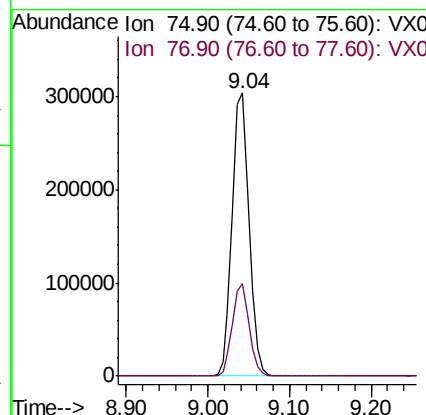
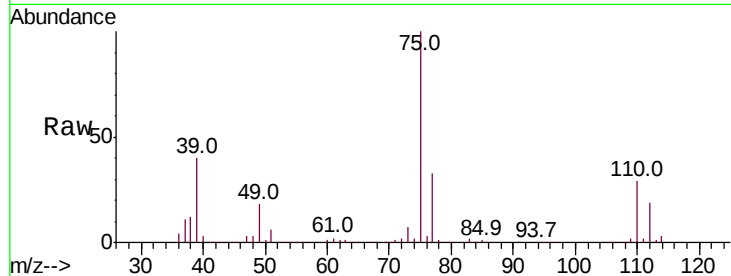
#53
 t-1,3-Dichloropropene
 Concen: 96.530 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010347.D
 Acq: 19 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 434653
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.2

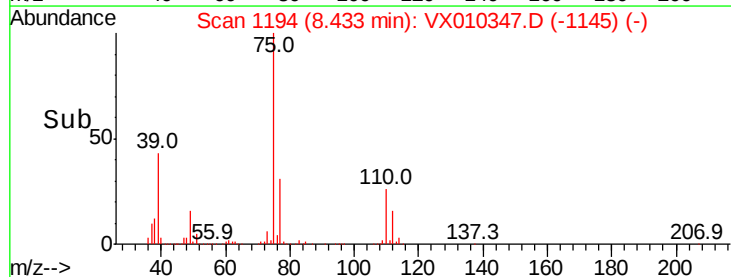
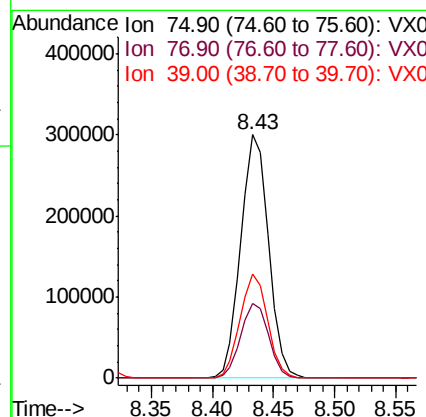
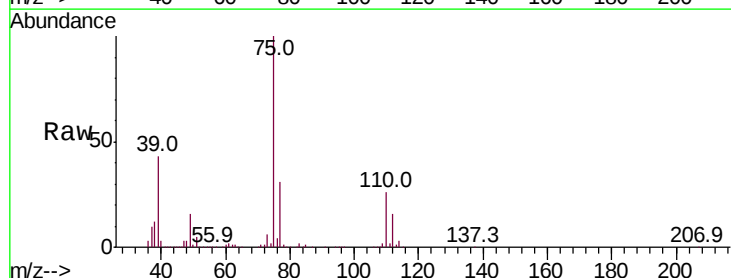
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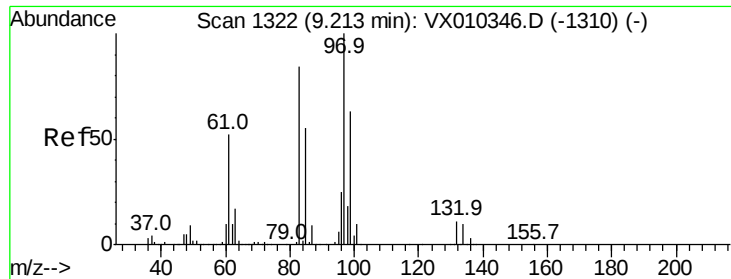
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#54
 cis-1,3-Dichloropropene
 Concen: 97.381 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010347.D
 Acq: 19 Jun 2019 13:51

Tgt Ion: 75 Resp: 472303
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8
 39 42.9 34.5 51.7





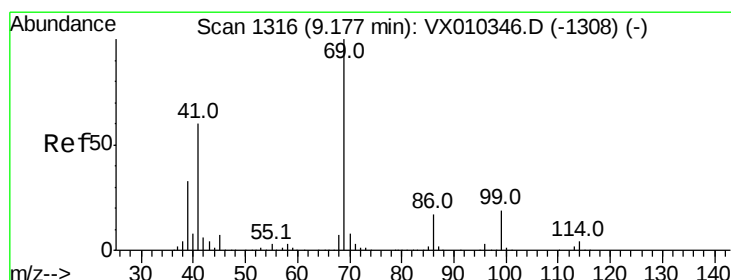
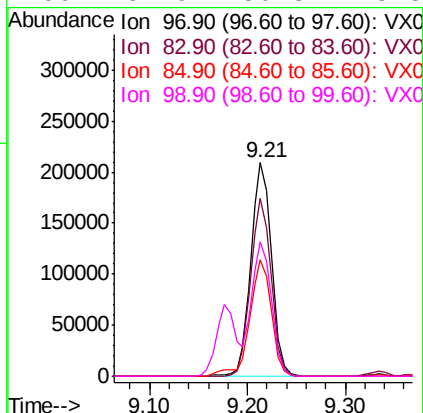
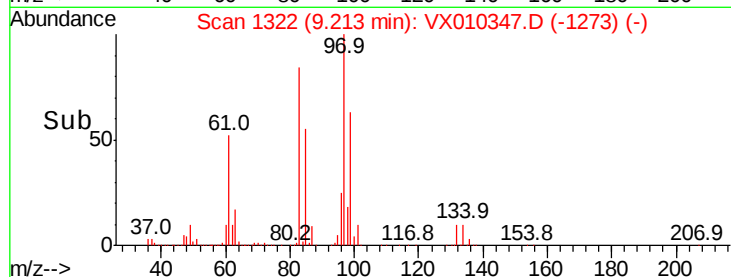
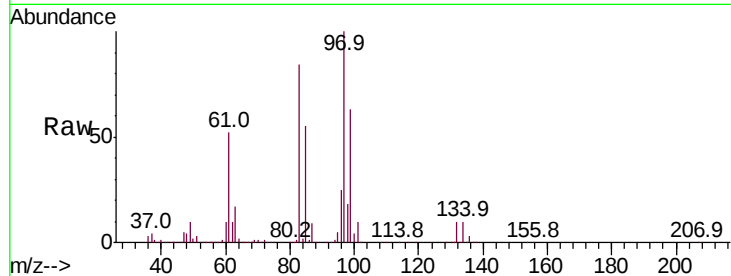
#55
1,1,2-Trichloroethane
Concen: 100.919 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	97	Resp	305811
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.4	101.0
85	54.5	43.8	65.8
99	62.9	50.3	75.5

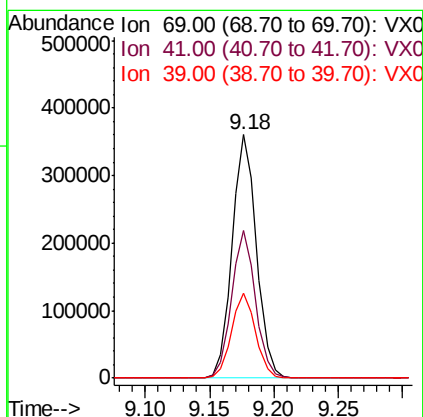
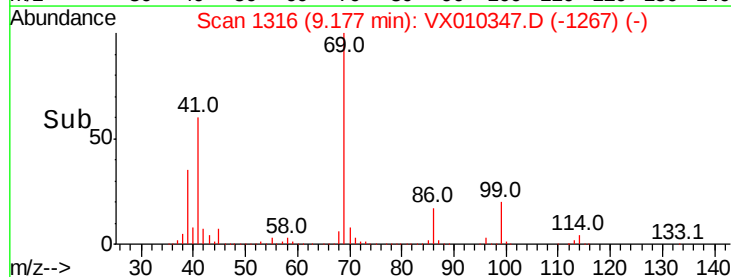
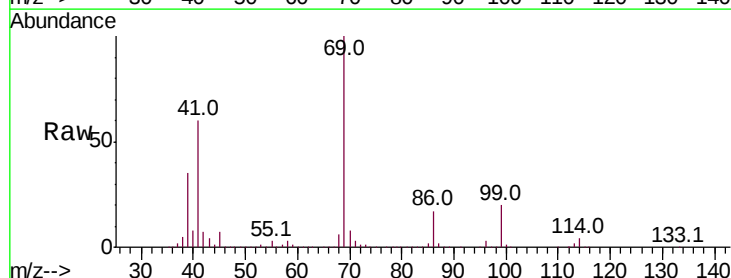
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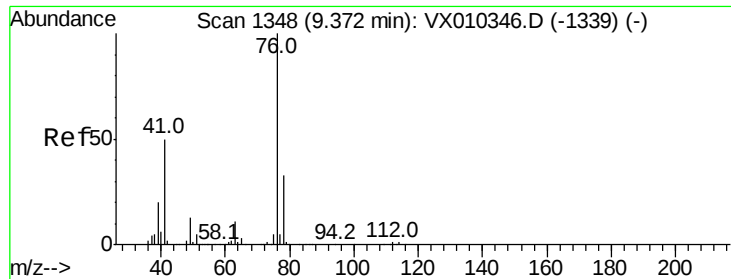
MMDadoda
6/20/2019 1:23:33 PM



#56
Ethyl methacrylate
Concen: 99.994 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	69	Resp	475715
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.1	70.7
39	34.8	26.6	40.0





#57

1,3-Dichloropropane

Concen: 98.770 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 470962

Ion Ratio Lower Upper

76 100

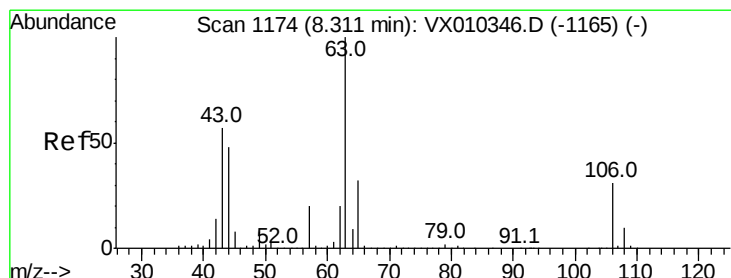
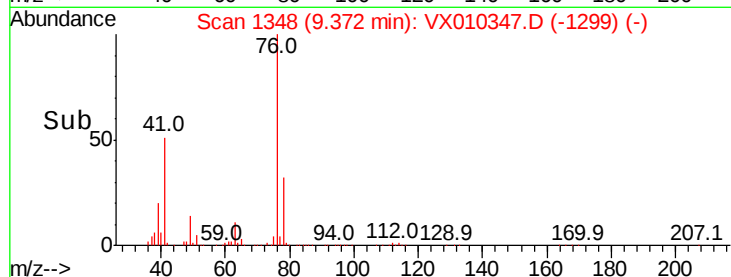
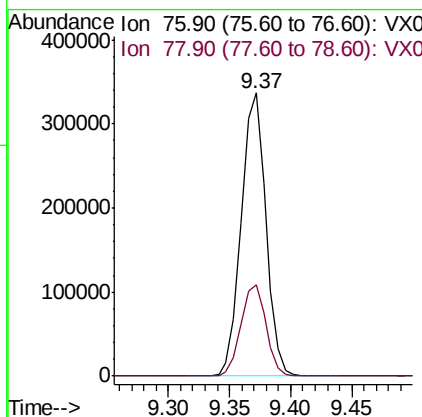
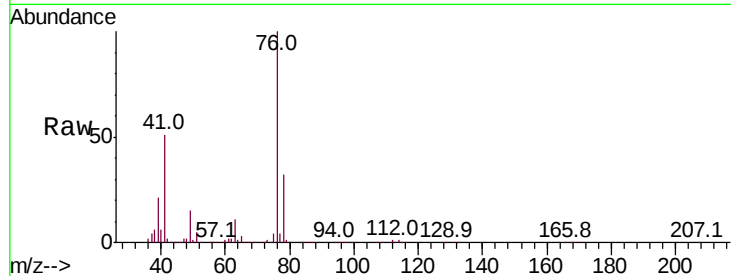
78 32.8 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 492.294 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010347.D

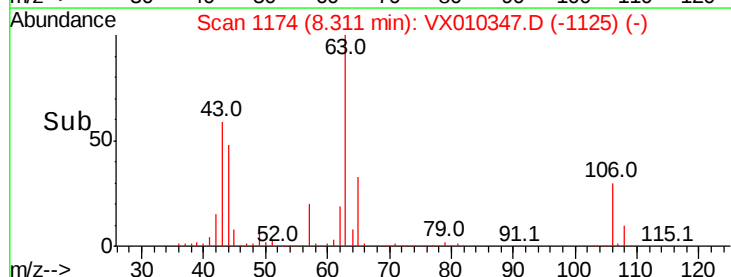
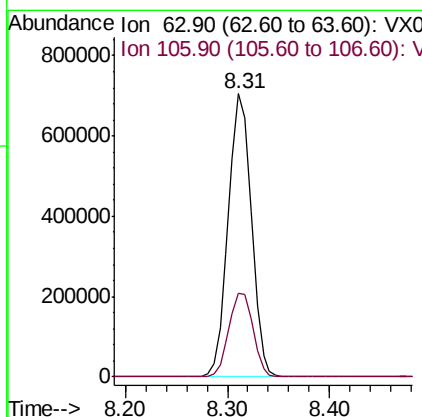
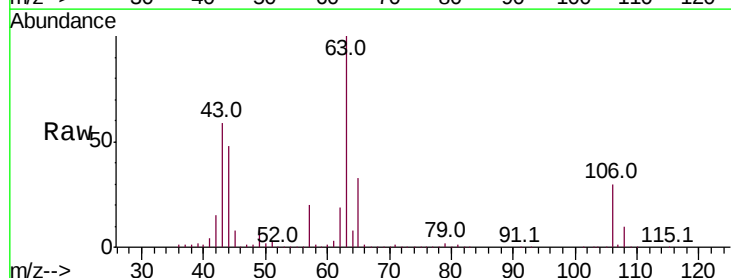
Acq: 19 Jun 2019 13:51

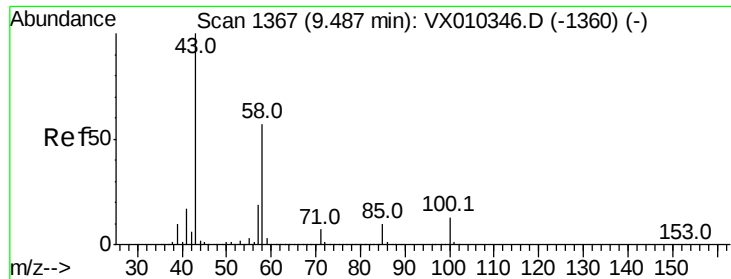
Tgt Ion: 63 Resp: 1105638

Ion Ratio Lower Upper

63 100

106 30.9 24.7 37.1





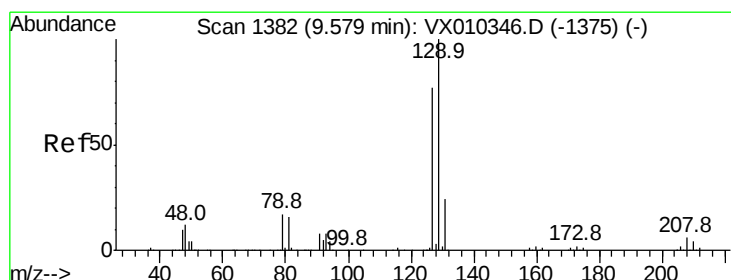
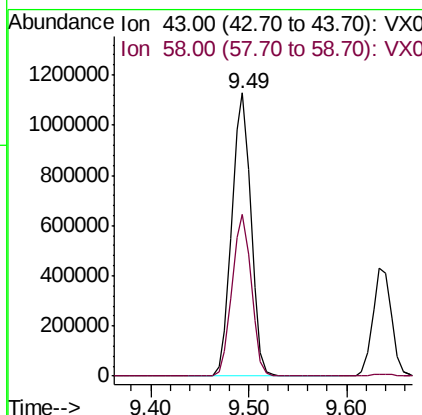
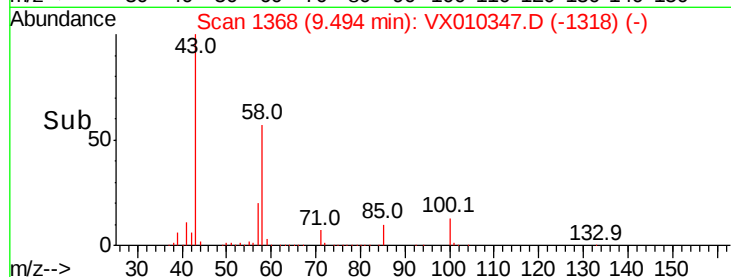
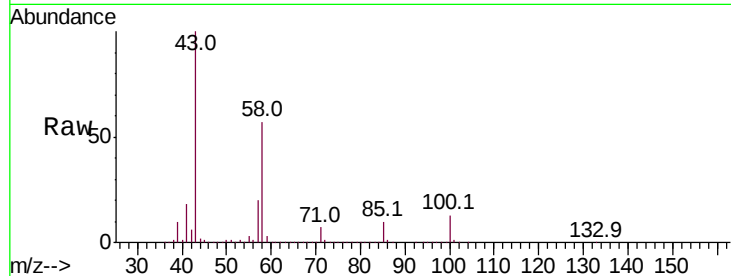
#59
2-Hexanone
Concen: 506.701 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1532620
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.1

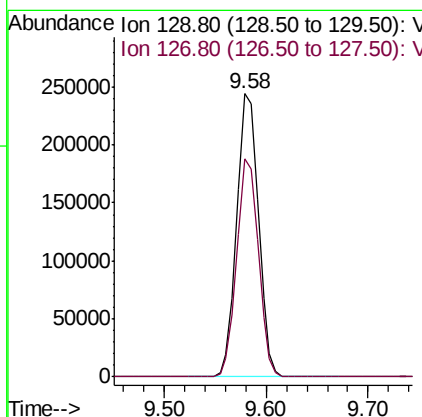
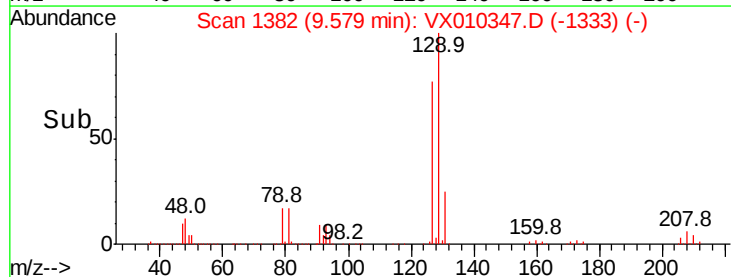
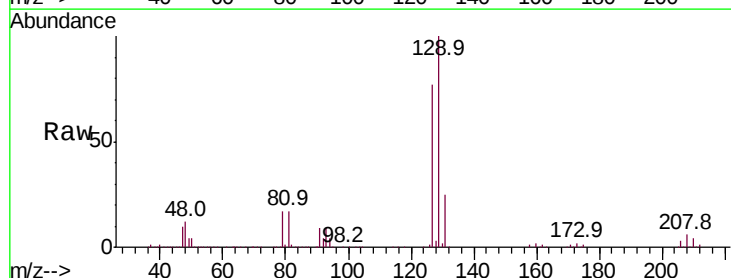
Manual Integrations
APPROVED

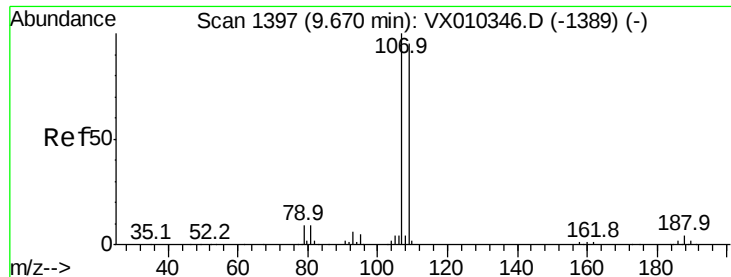
MMDadoda
6/20/2019 1:23:33 PM



#60
Dibromochloromethane
Concen: 100.743 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion: 129 Resp: 358796
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 98.613 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

Tot Ion:107 Resp: 331939

Ion Ratio Lower Upper

107 100

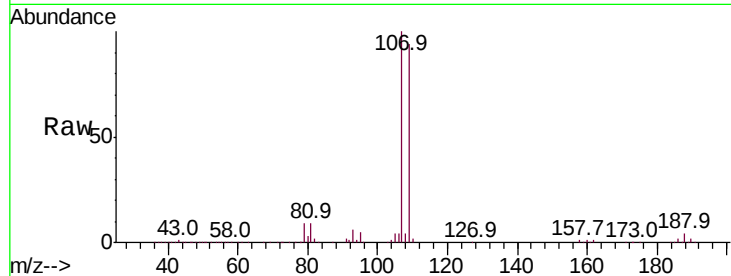
109 95.3 75.8 113.6

Manual Integrations

APPROVED

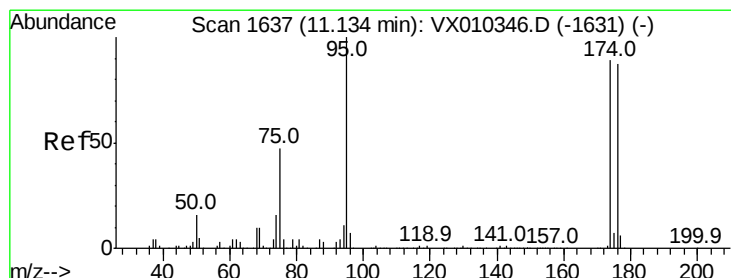
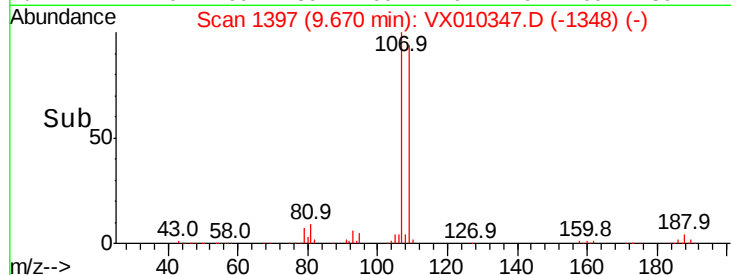
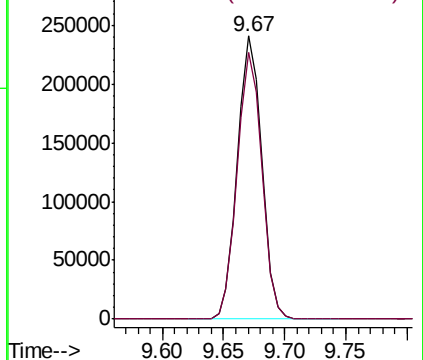
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 99.502 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

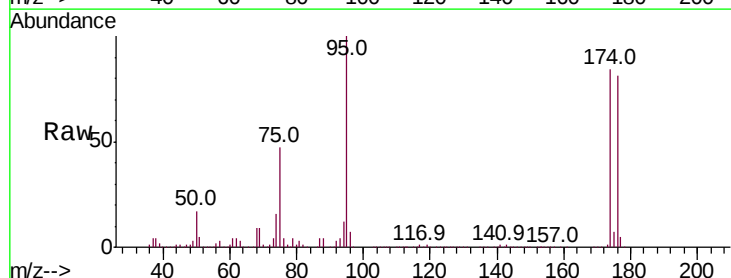
Tgt Ion: 95 Resp: 382730

Ion Ratio Lower Upper

95 100

174 91.7 0.0 187.6

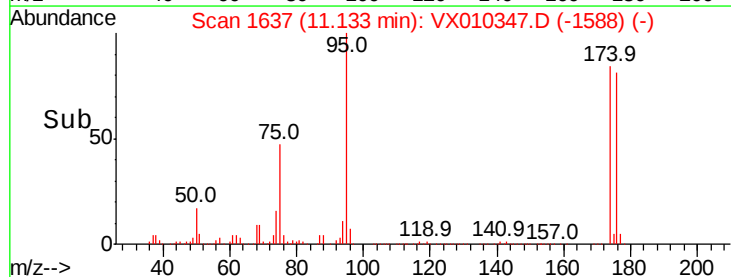
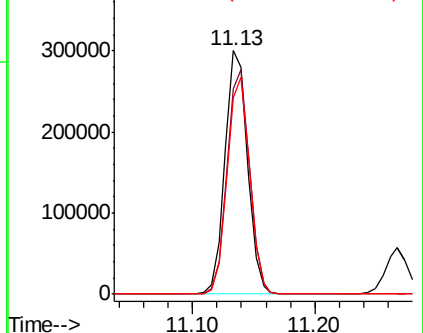
176 88.6 0.0 184.0

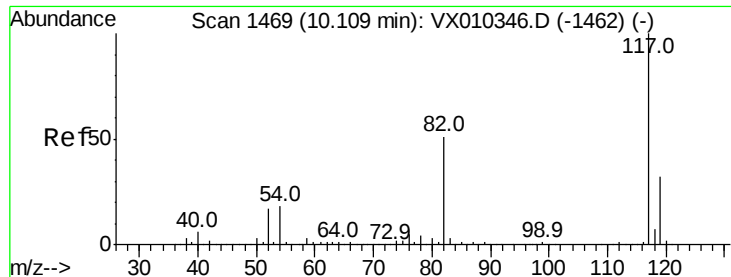


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





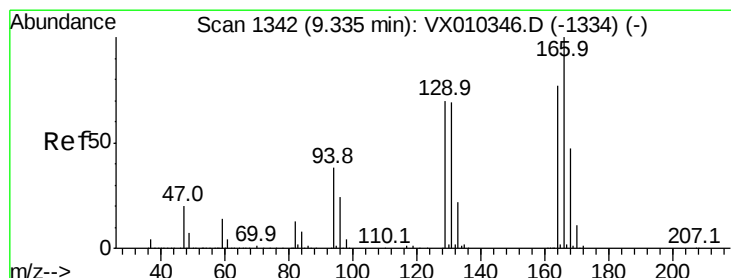
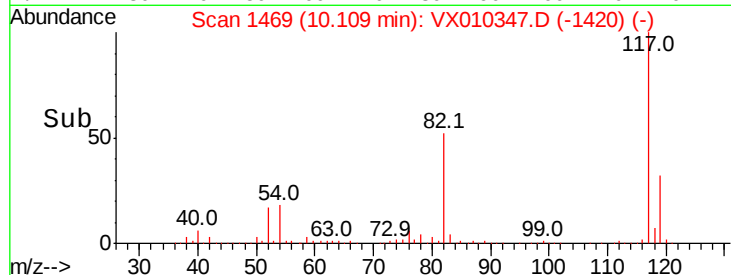
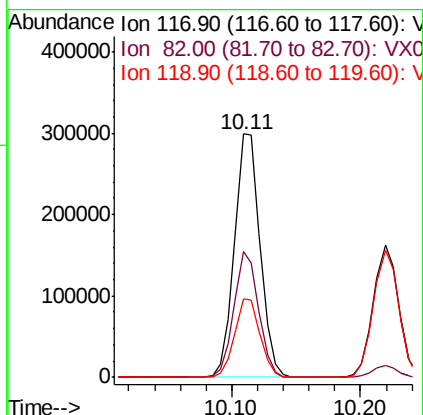
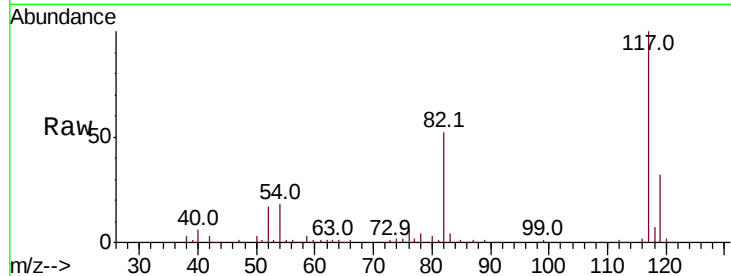
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.2	61.8
119	32.3	25.5	38.3

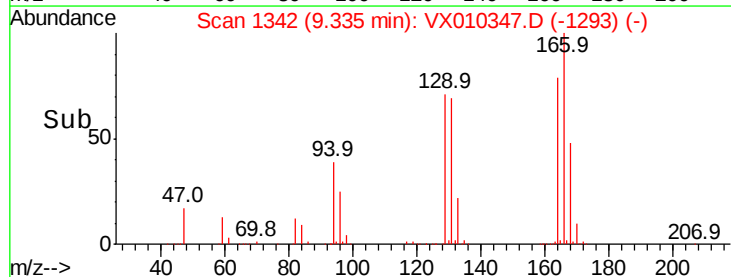
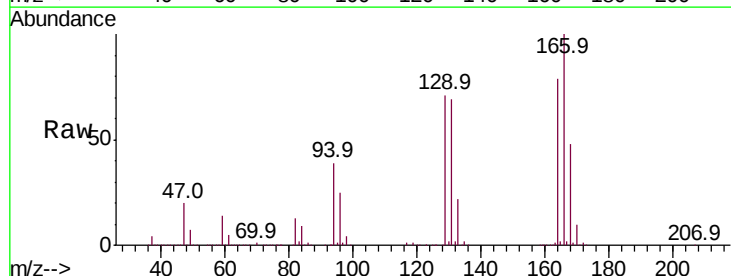
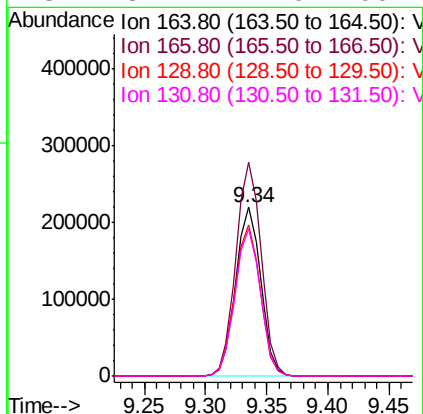
Manual Integrations
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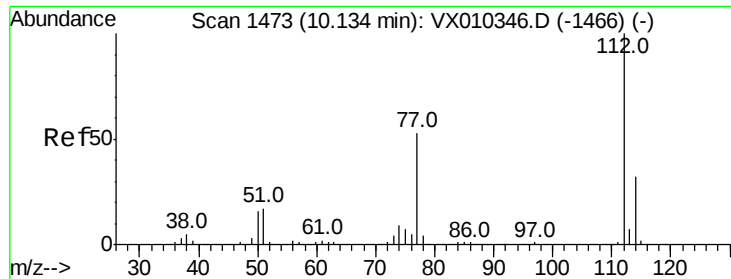
MMDadoda
6/20/2019 1:23:33 PM



#64
Tetrachloroethene
Concen: 98.973 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	103.6	155.4
129	89.7	73.0	109.4
131	87.2	71.0	106.4





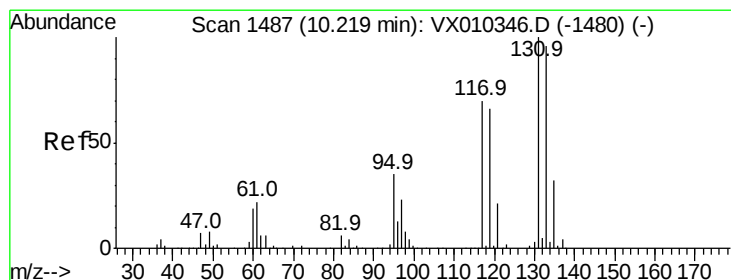
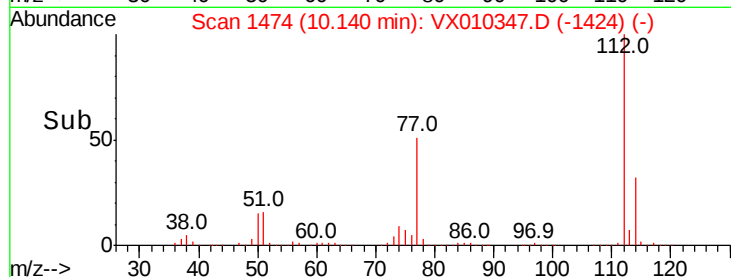
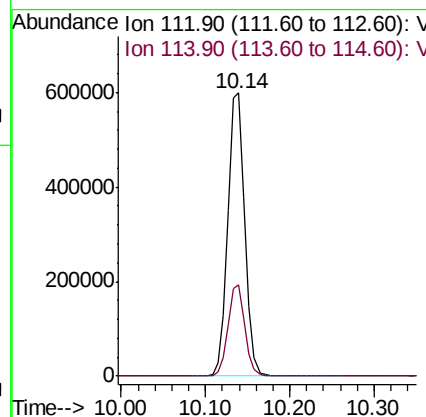
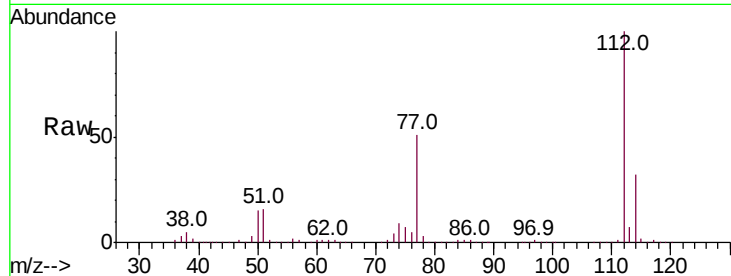
#65
Chlorobenzene
Concen: 97.284 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 833419
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

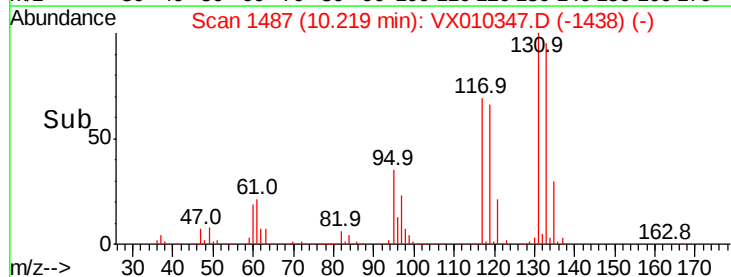
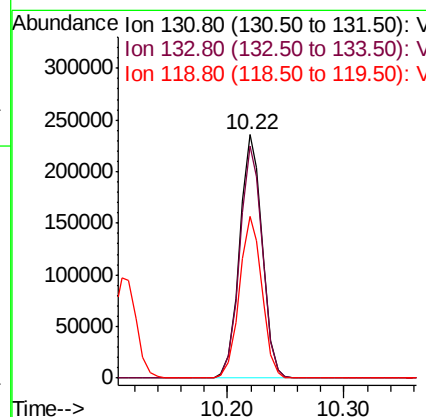
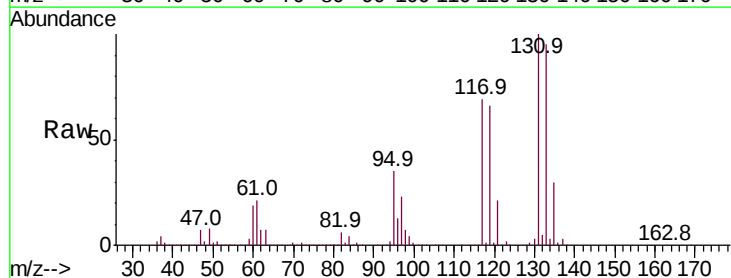
Manual Integrations
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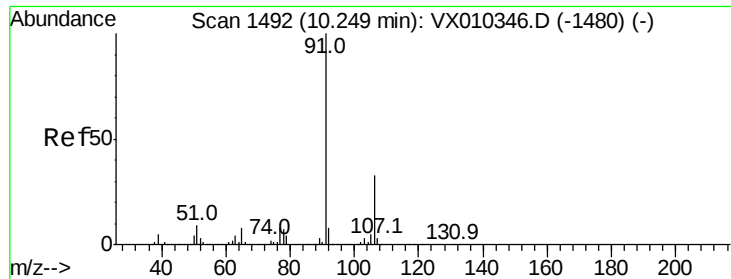
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 97.021 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion:131 Resp: 318499
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 66.4 32.6 97.7





#67

Ethyl Benzene

Concen: 96.909 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1413773

Ion Ratio Lower Upper

91 100

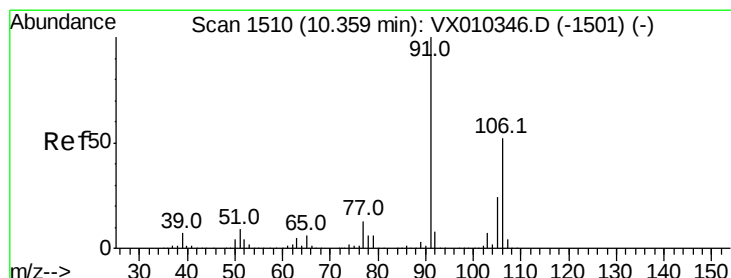
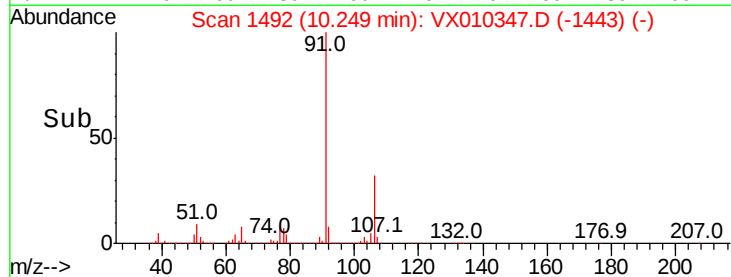
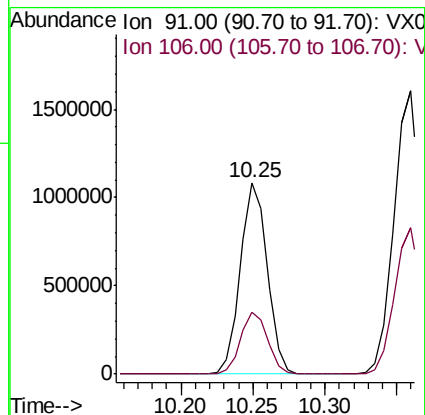
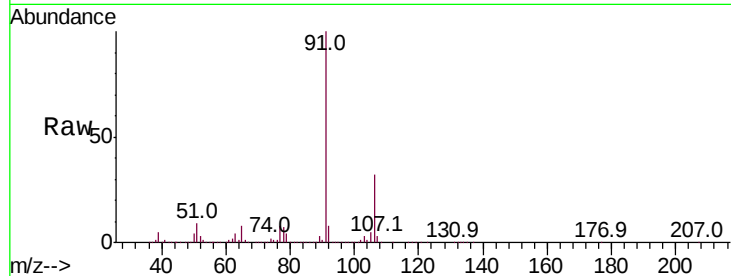
106 32.2 26.2 39.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 194.270 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010347.D

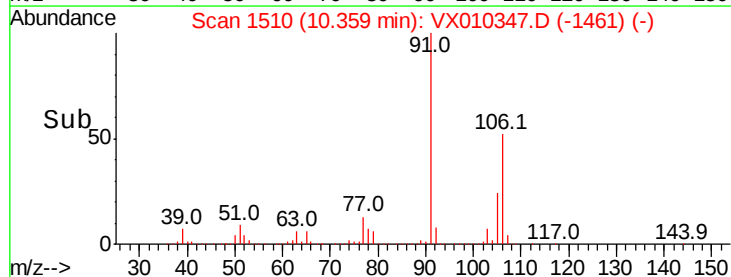
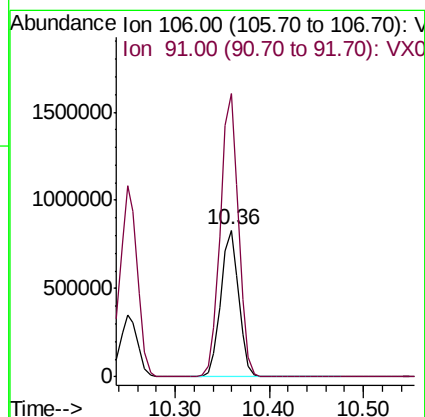
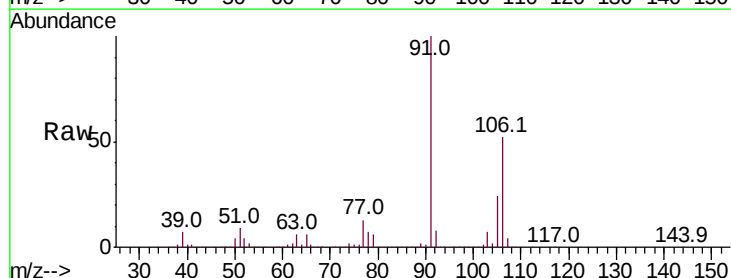
Acq: 19 Jun 2019 13:51

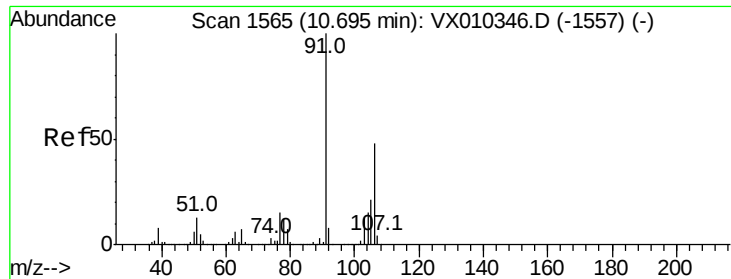
Tgt Ion: 106 Resp: 1097816

Ion Ratio Lower Upper

106 100

91 194.7 155.3 232.9





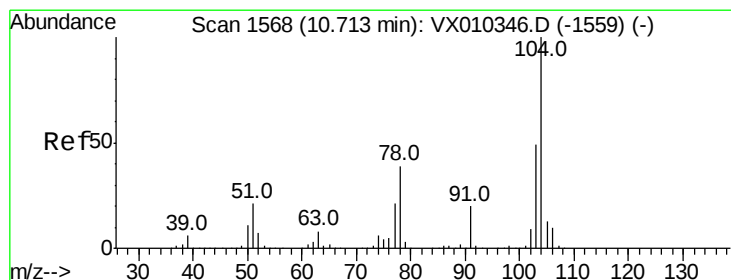
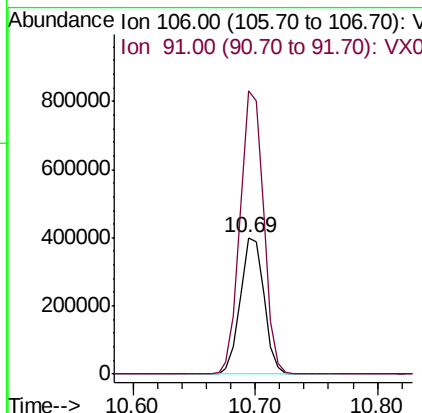
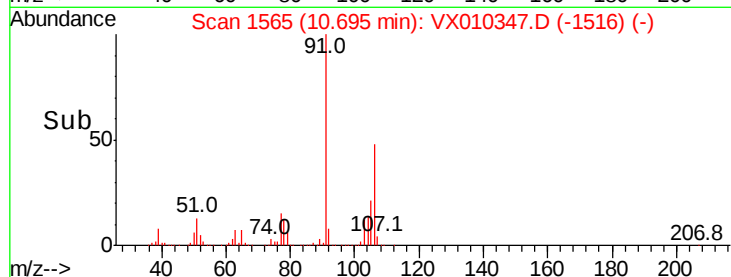
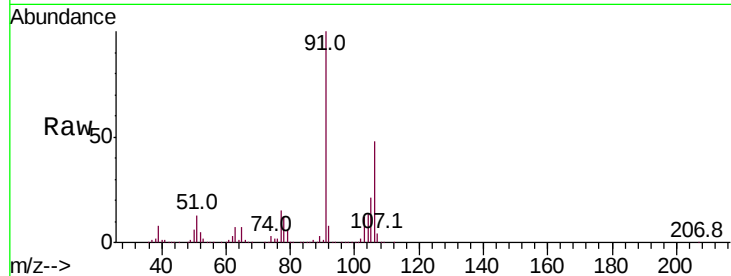
#69
o-Xylene
Concen: 95.376 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 534728
Ion Ratio Lower Upper
106 100
91 205.5 102.7 308.1

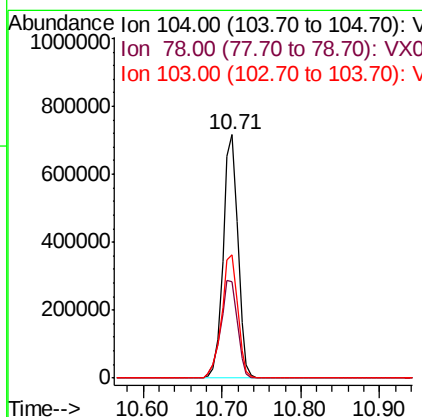
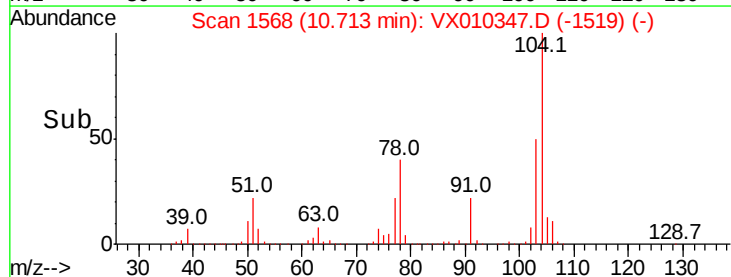
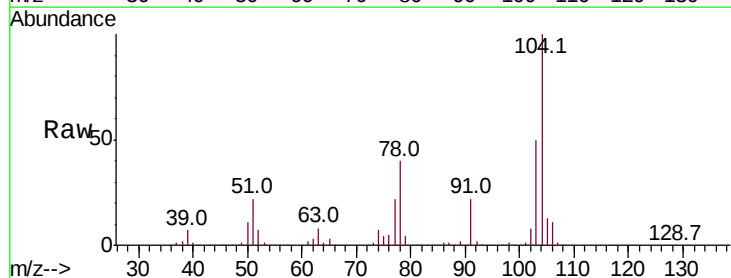
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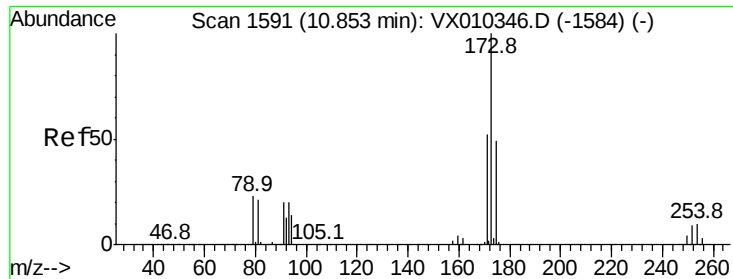
MMDadoda
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#70
Styrene
Concen: 98.071 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion:104 Resp: 929859
Ion Ratio Lower Upper
104 100
78 45.8 36.2 54.2
103 55.2 44.2 66.4





#71

Bromoform

Concen: 96.467 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:173 Resp: 290062

Ion Ratio Lower Upper

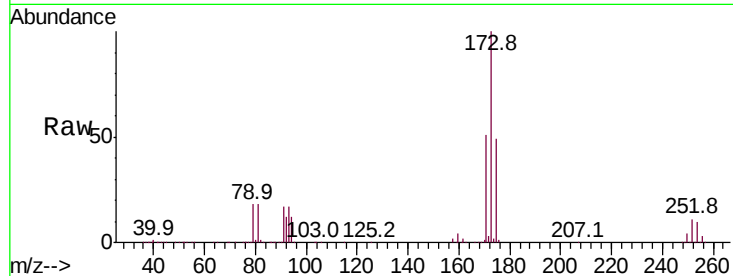
173 100

175 48.9 24.1 72.3

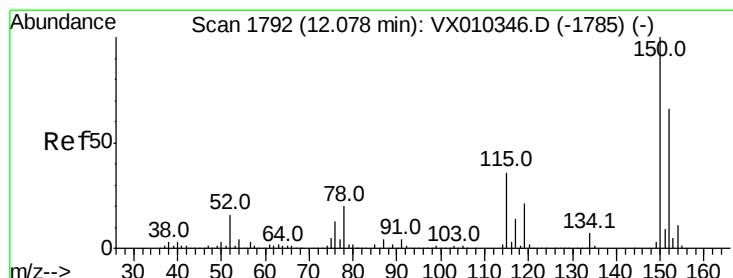
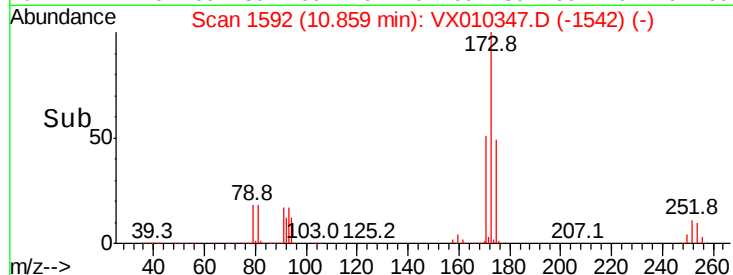
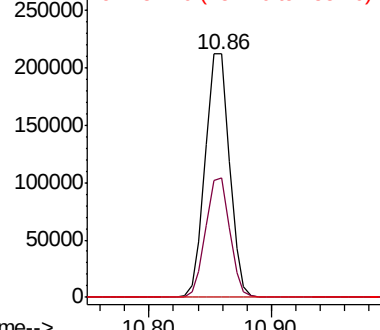
254 0.2 0.2 0.2

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: VX010347.D

Acq: 19 Jun 2019 13:51

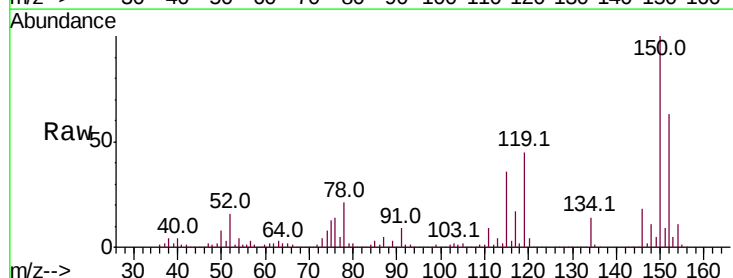
Tgt Ion:152 Resp: 208539

Ion Ratio Lower Upper

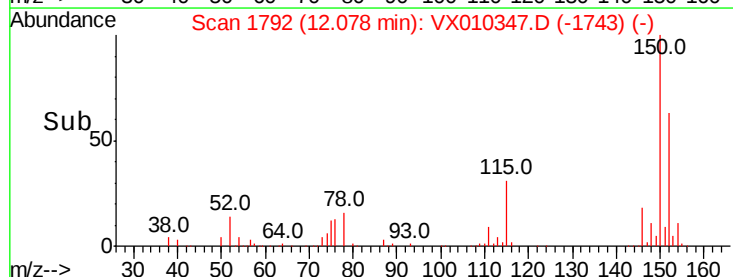
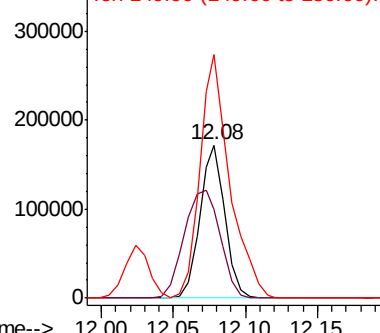
152 100

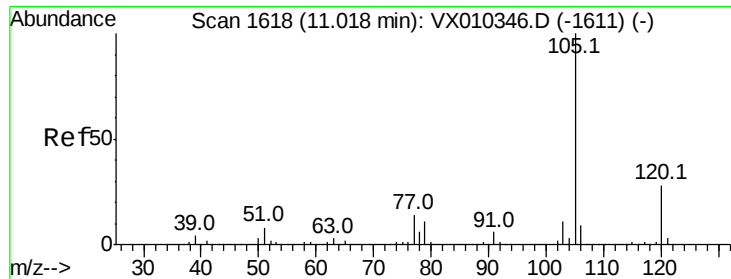
115 101.5 38.6 115.7

150 190.0 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: 98.003 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1421383

Ion Ratio Lower Upper

105 100

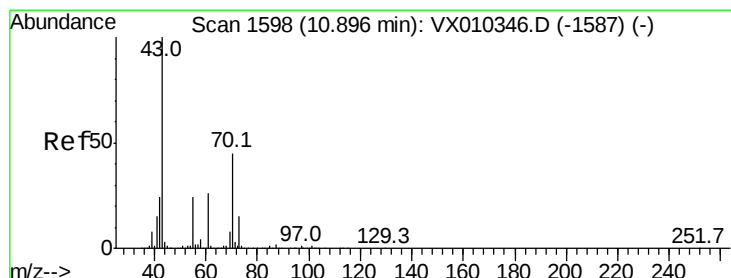
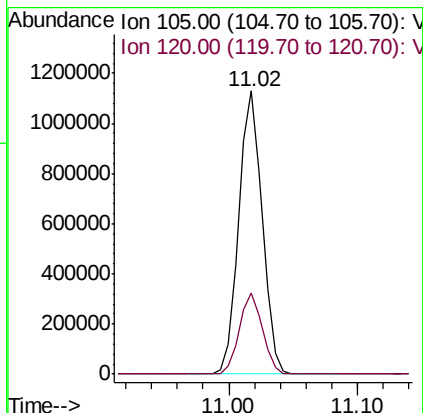
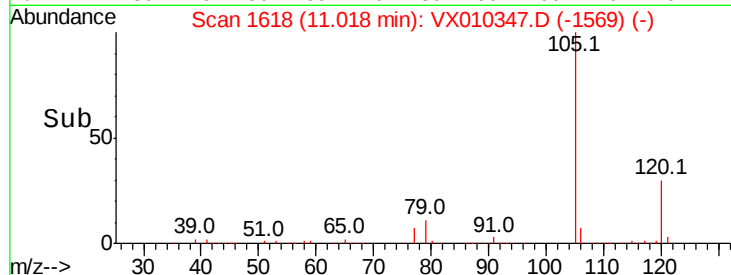
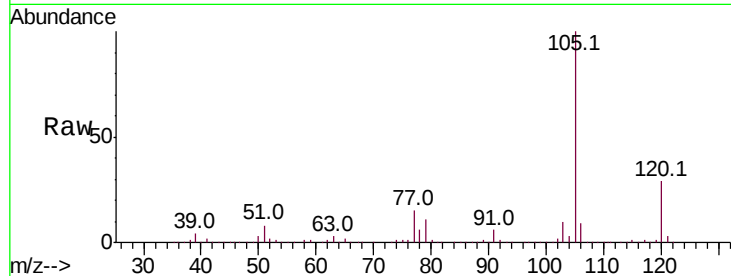
120 28.1 14.1 42.4

Manual Integrations

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6/20/2019 1:23:33 PM



#74

N-ethyl acetate

Concen: 97.957 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Tgt Ion: 43 Resp: 561424

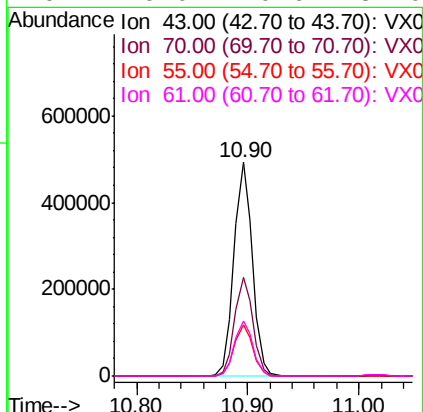
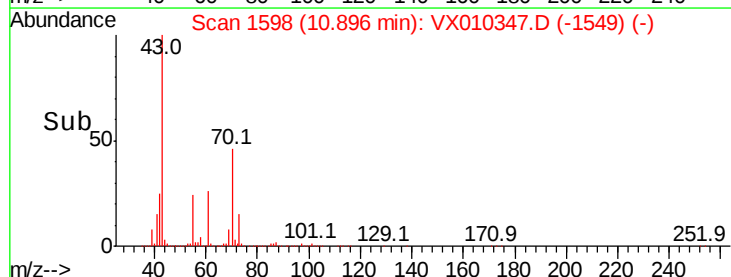
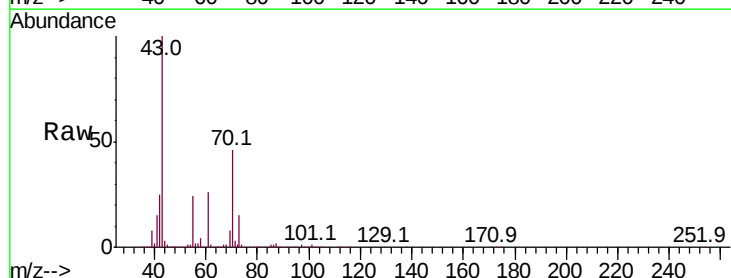
Ion Ratio Lower Upper

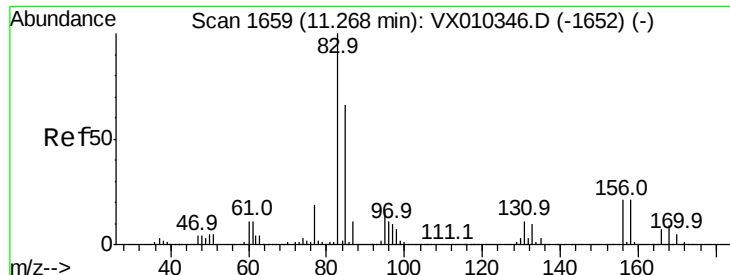
43 100

70 46.0 36.6 54.8

55 24.0 18.7 28.1

61 26.0 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 93.593 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 463833

Ion Ratio Lower Upper

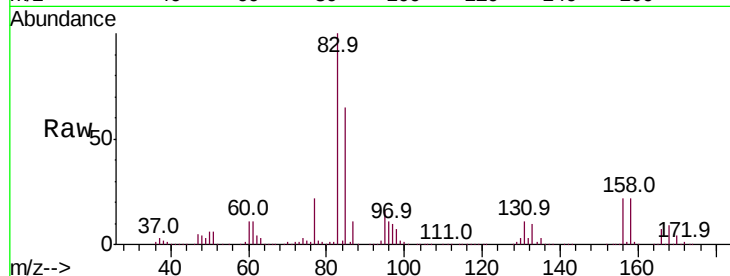
83 100

131 10.9 5.5 16.4

85 64.9 32.3 96.8

Manual Integrations
APPROVED

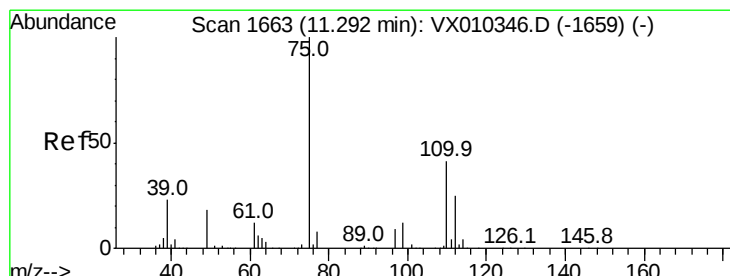
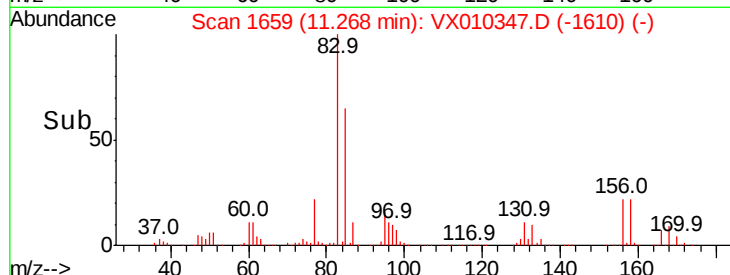
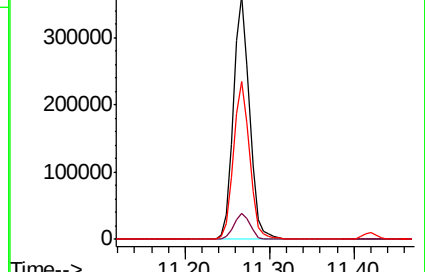
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 91.057 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010347.D

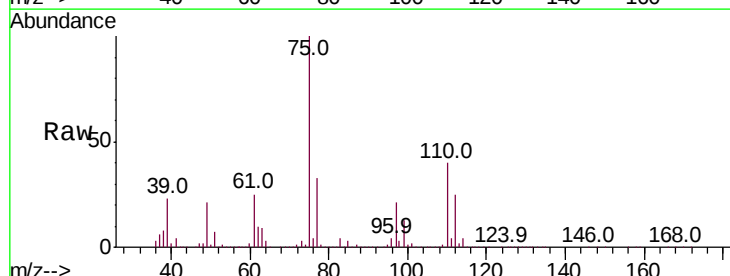
Acq: 19 Jun 2019 13:51

Tgt Ion: 75 Resp: 376427

Ion Ratio Lower Upper

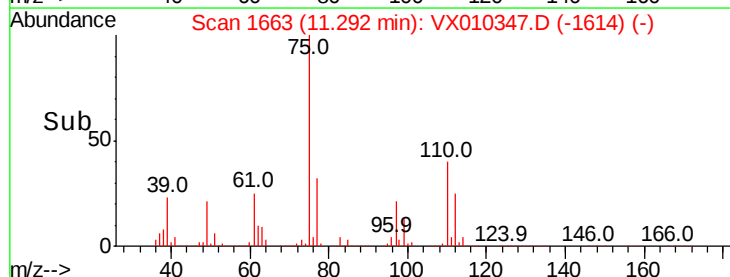
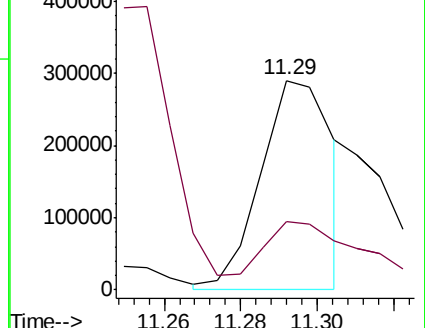
75 100

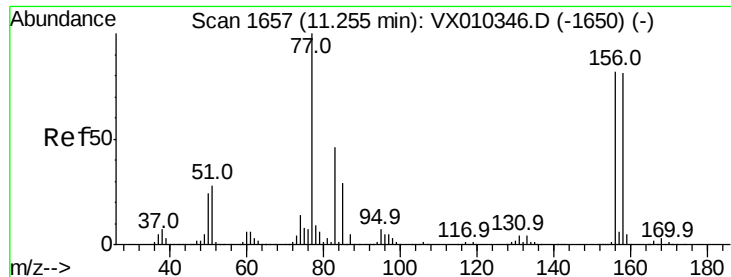
77 46.8 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 97.413 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:156 Resp: 389444

Ion Ratio Lower Upper

156 100

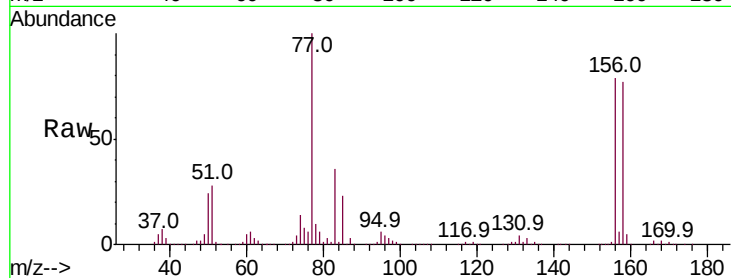
77 134.7 66.3 198.7

158 96.7 48.9 146.7

Manual Integrations
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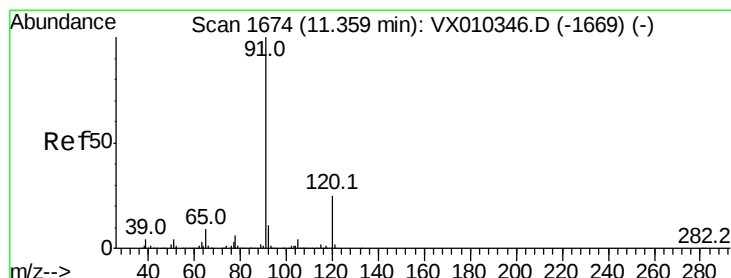
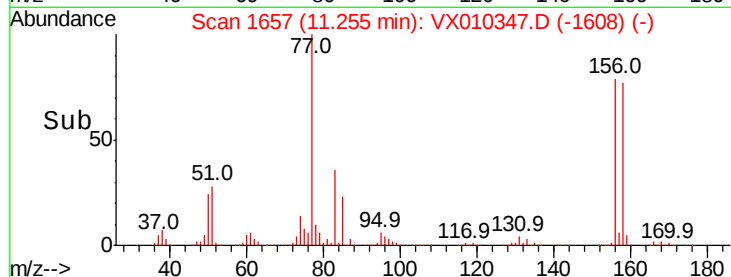
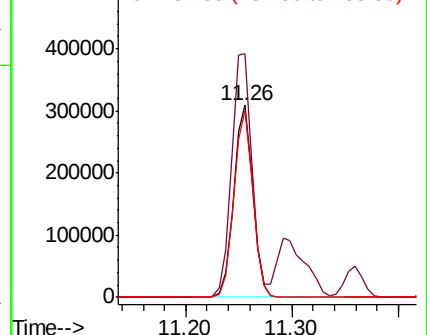
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.664 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010347.D

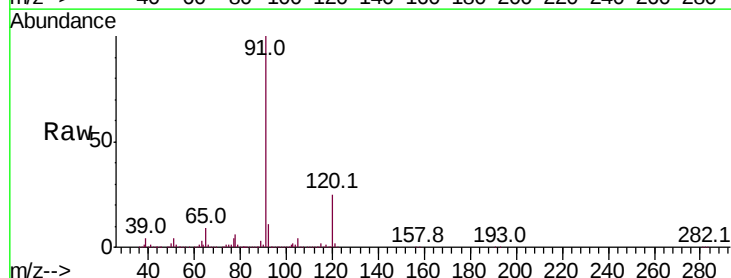
Acq: 19 Jun 2019 13:51

Tgt Ion: 91 Resp: 1609797

Ion Ratio Lower Upper

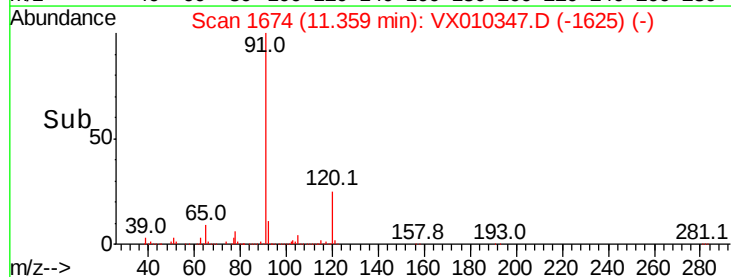
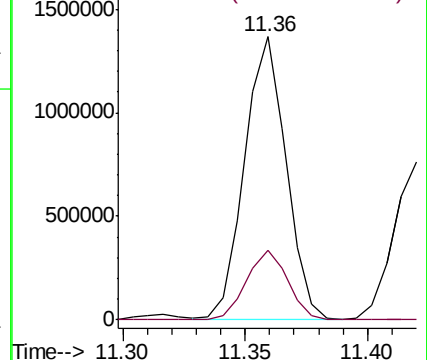
91 100

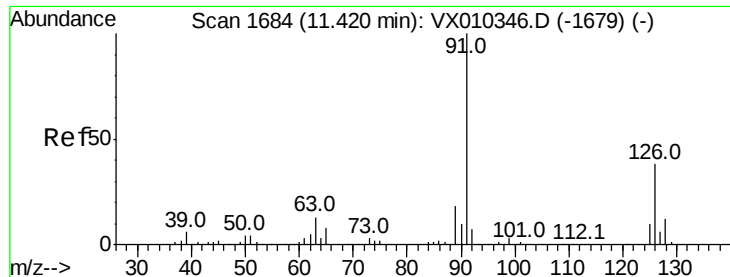
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 96.417 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 932944

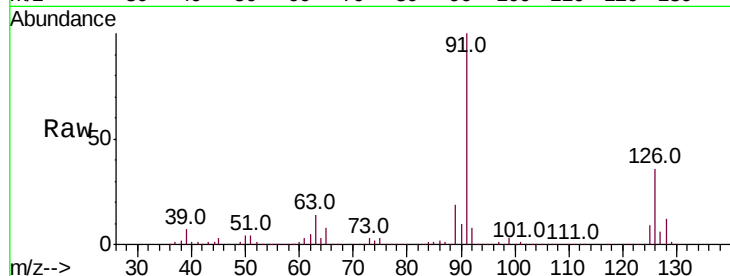
Ion Ratio Lower Upper

91 100

126 37.0 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX010347.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010347.D (-1679) (-)

1500000

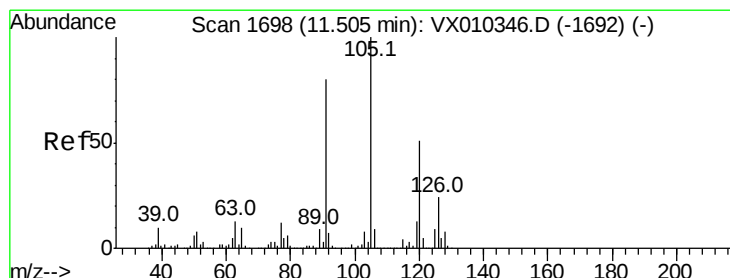
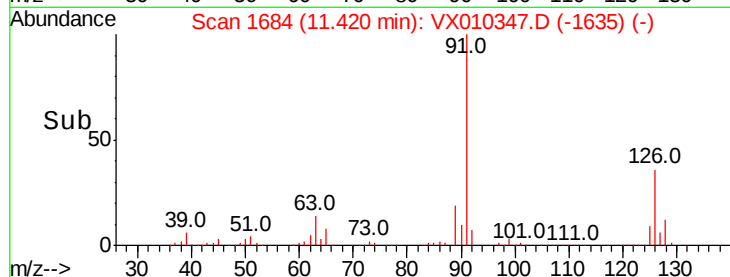
1000000

500000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 96.880 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010347.D

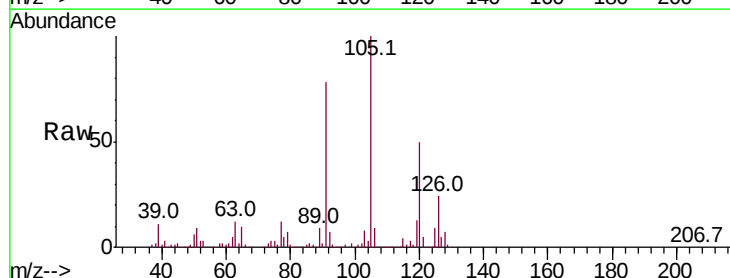
Acq: 19 Jun 2019 13:51

Tgt Ion: 105 Resp: 1185478

Ion Ratio Lower Upper

105 100

120 50.2 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010347.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010347.D (-1692) (-)

1200000

1000000

800000

600000

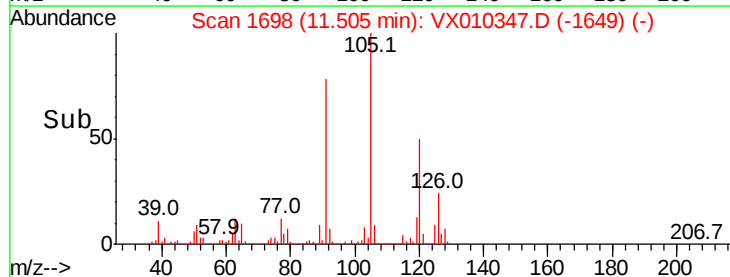
400000

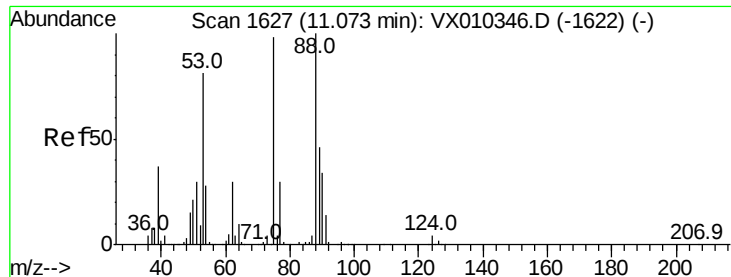
200000

0

11.40 11.50 11.60

Time-->





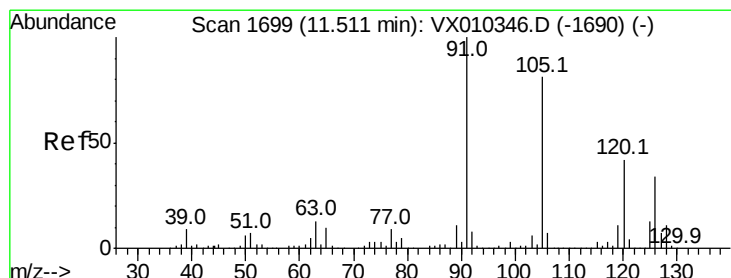
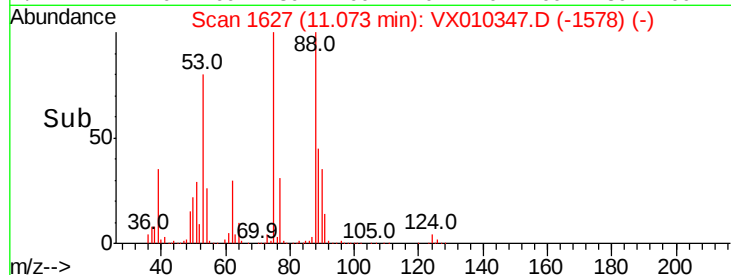
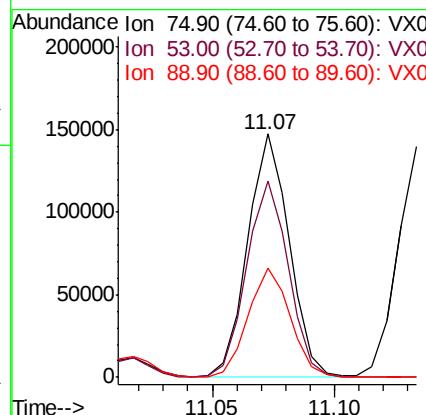
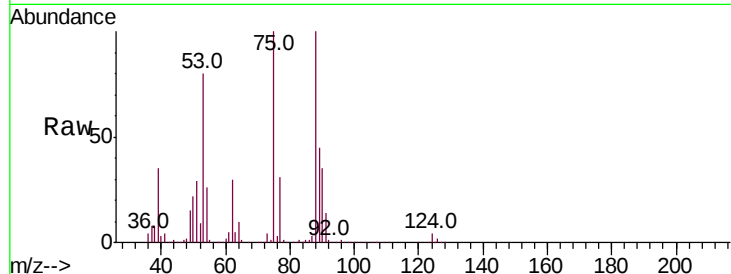
#81
trans-1,4-Dichloro-2-butene
Concen: 94.219 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.5	66.1	99.1
89	45.9	37.8	56.6

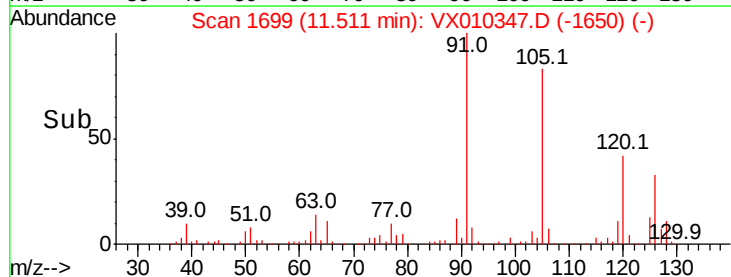
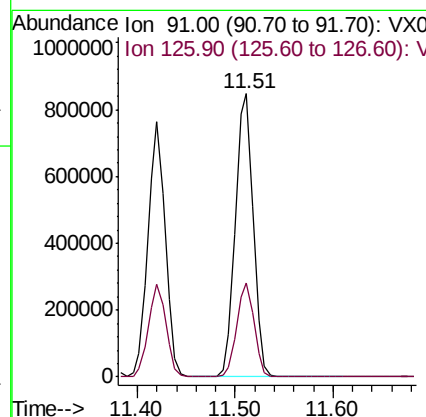
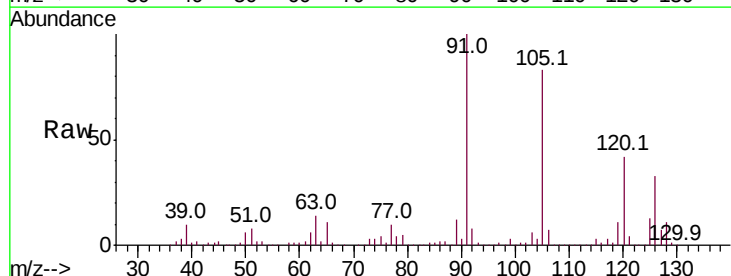
Manual Integrations
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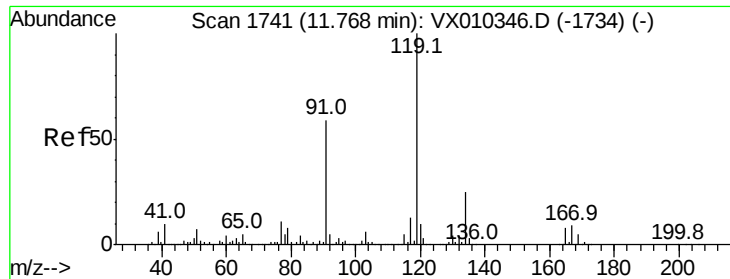
MMDadoda
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#82
4-Chlorotoluene
Concen: 97.906 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.2	48.6





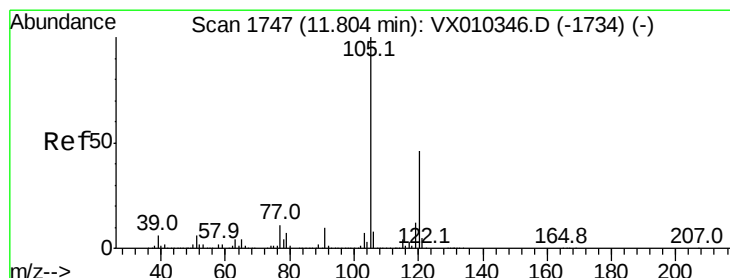
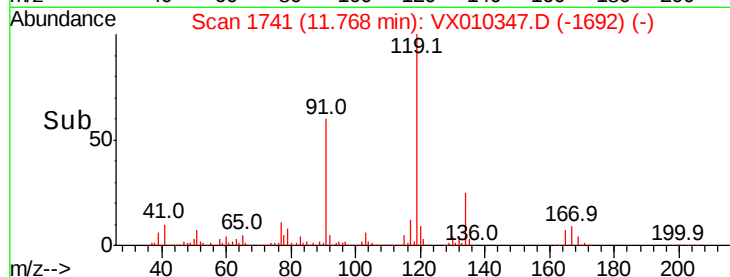
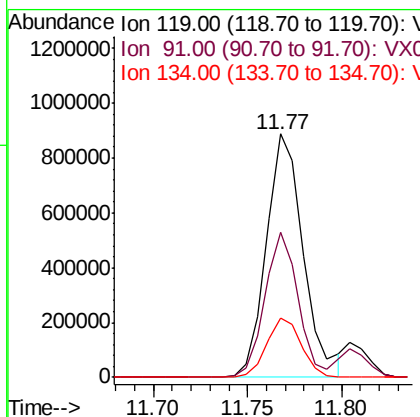
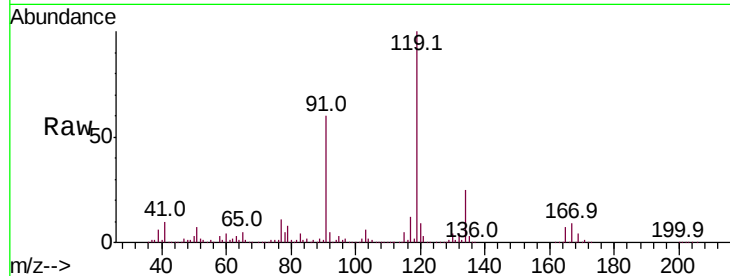
#83
tert-Butylbenzene
Concen: 97.409 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.0	27.6	82.7
134	23.0	11.8	35.4

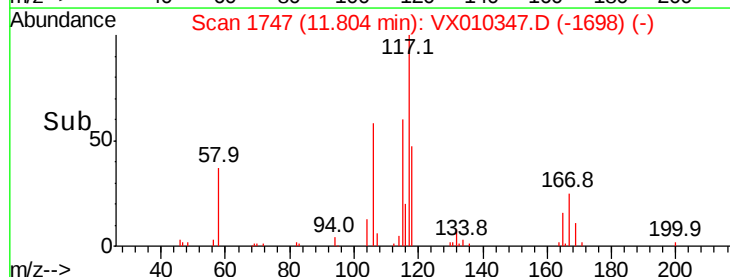
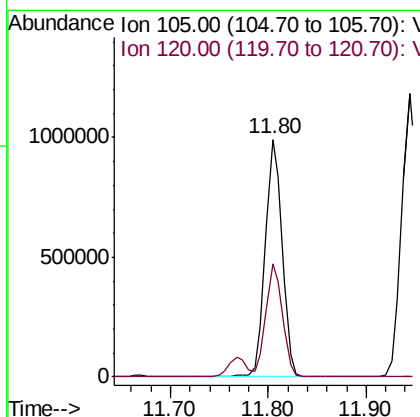
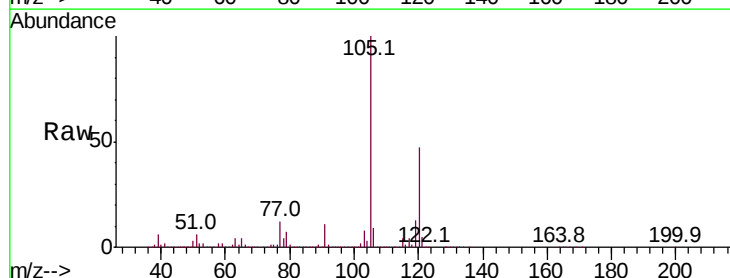
Manual Integrations
APPROVED

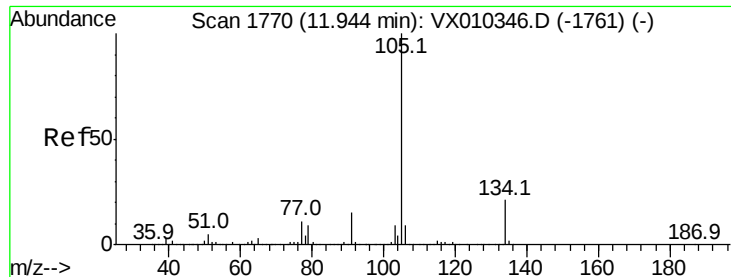
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 96.180 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.2





#85

sec-Butylbenzene

Concen: 97.146 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1400349

Ion Ratio Lower Upper

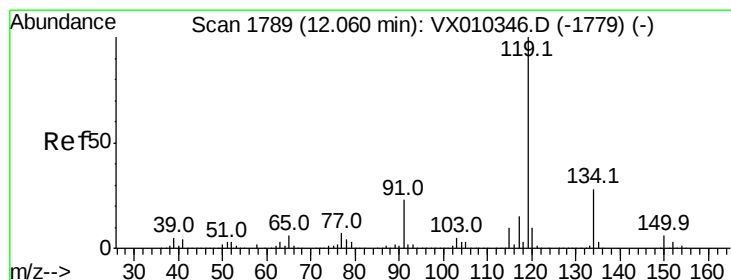
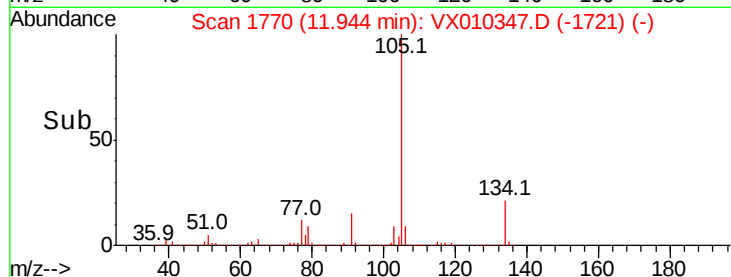
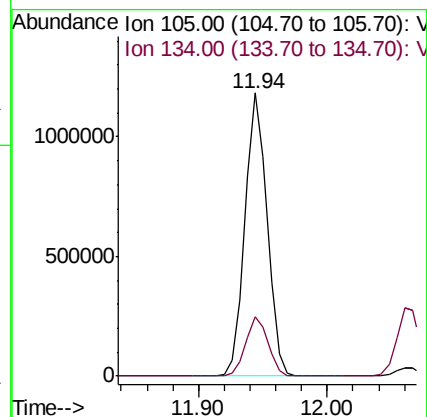
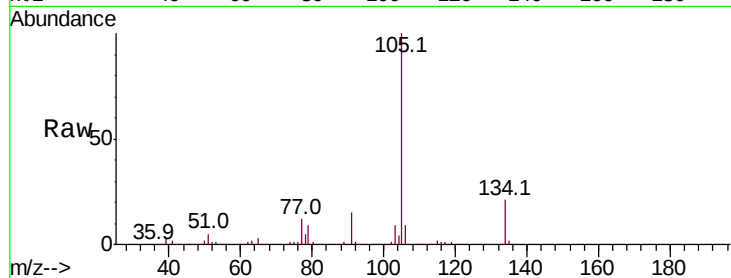
105 100

134 21.1 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 98.001 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

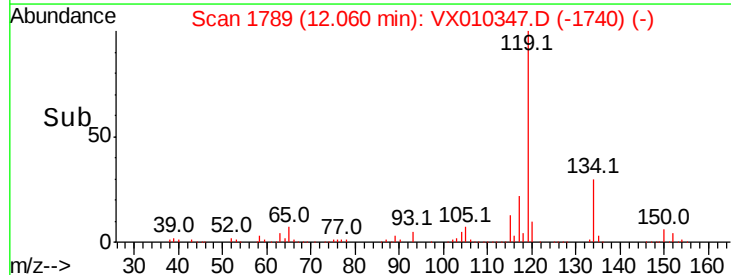
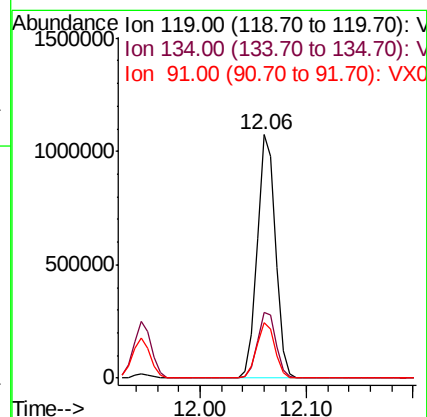
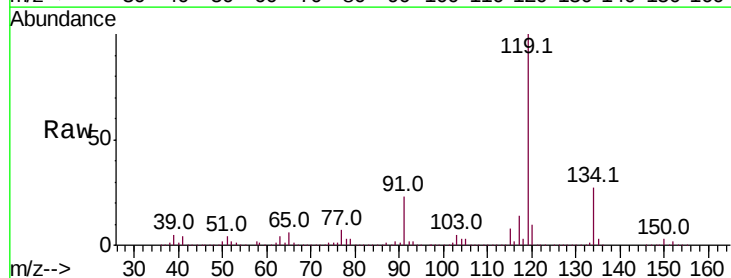
Tgt Ion:119 Resp: 1293251

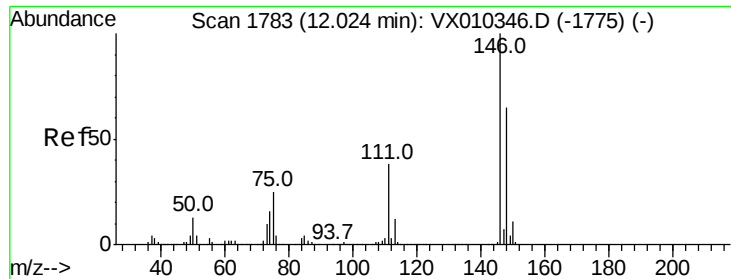
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 97.130 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

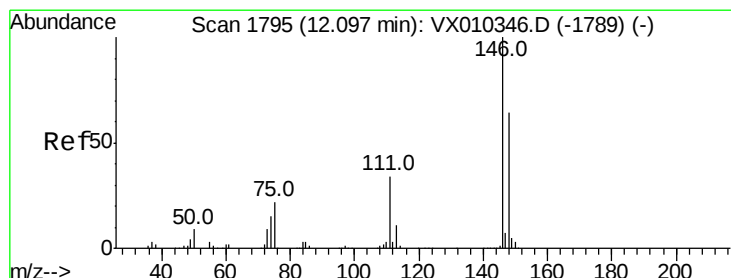
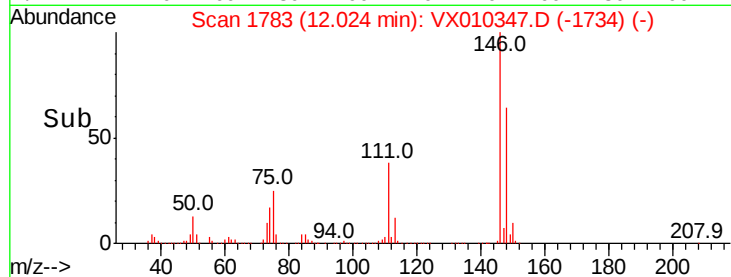
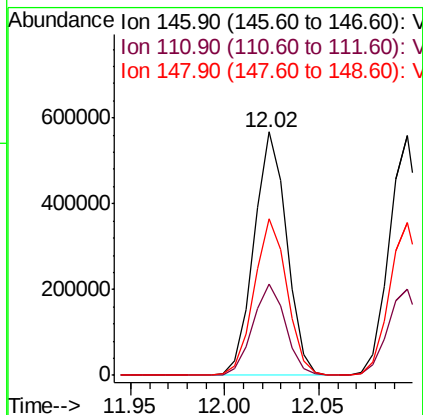
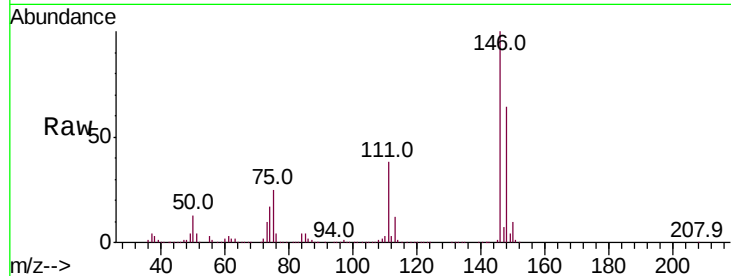
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	682666
Ion Ratio	Lower	Upper	
146	100		
111	37.5	19.1	57.1
148	64.3	32.5	97.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 95.798 ug/l

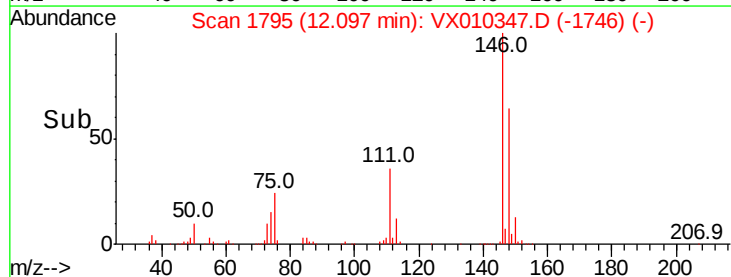
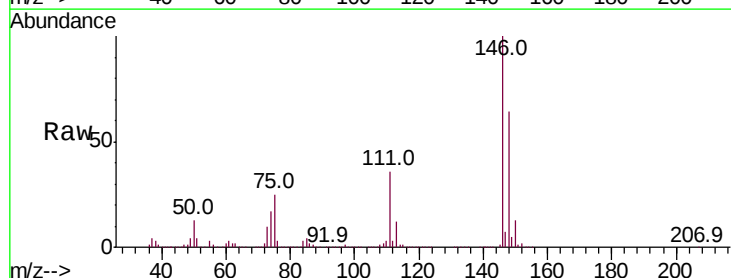
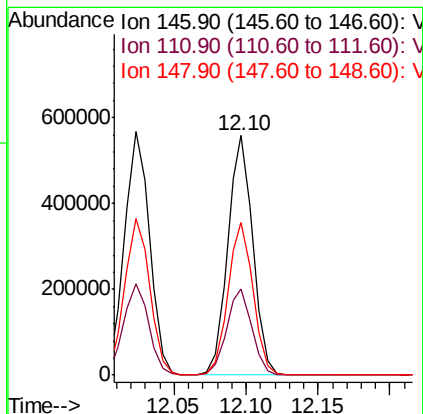
RT: 12.10 min Scan# 1795

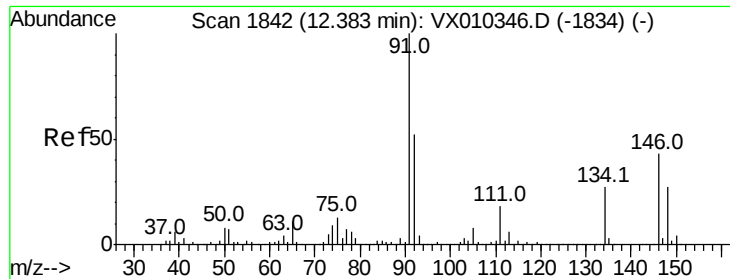
Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Tgt Ion:	146	Resp:	681105
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.1	54.3
148	63.9	32.1	96.3





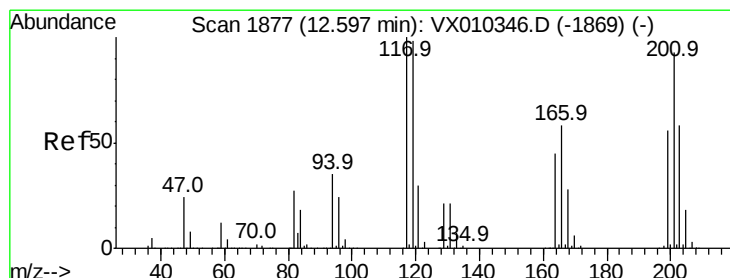
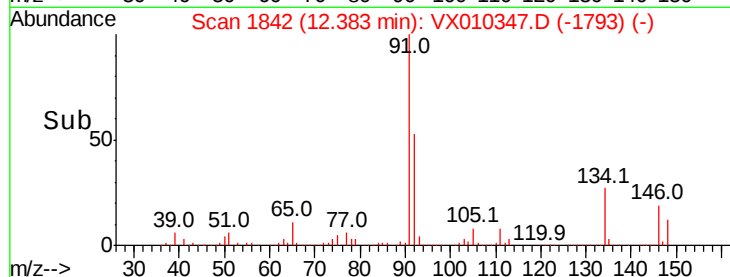
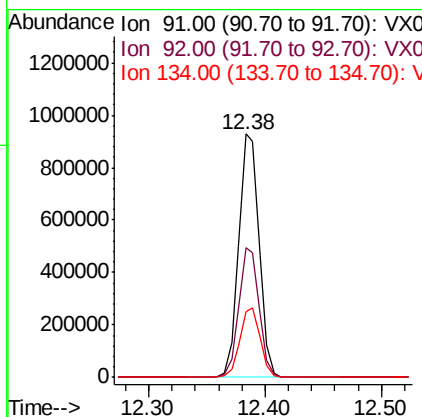
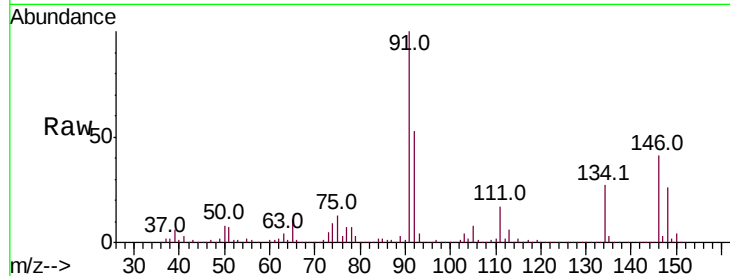
#89
n-Butylbenzene
Concen: 99.590 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.2	78.5
134	28.2	14.1	42.4

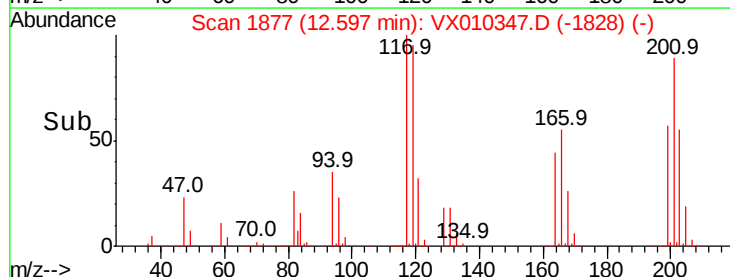
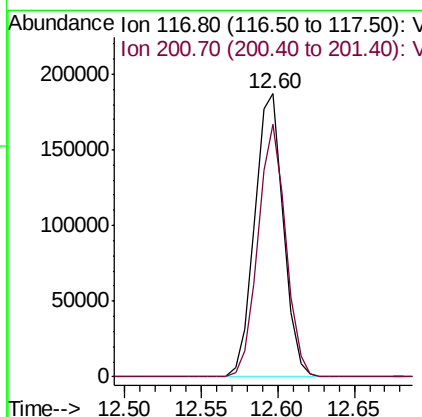
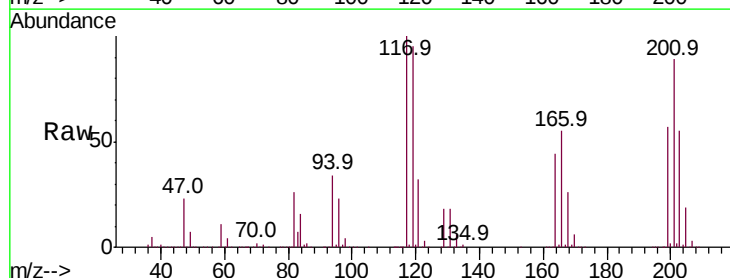
Manual Integrations
APPROVED

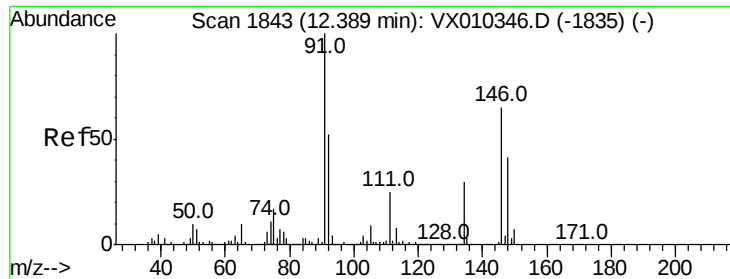
MMDadoda
6/20/2019 1:23:33 PM



#90
Hexachloroethane
Concen: 94.157 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010347.D
Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	44.0	131.8





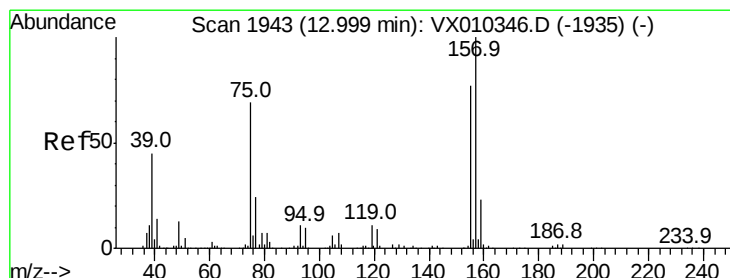
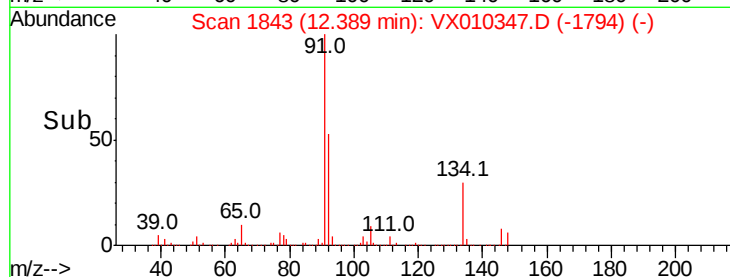
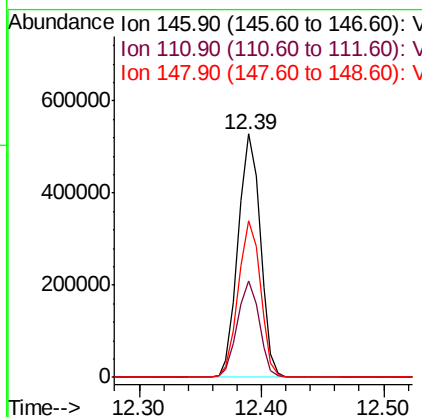
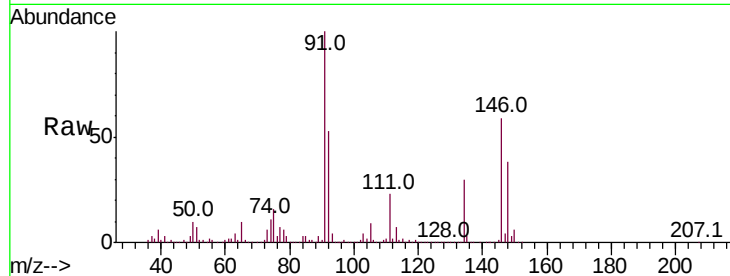
#91
 1,2-Dichlorobenzene
 Concen: 96.581 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010347.D
 Acq: 19 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.2	57.6
148	64.1	32.0	96.0

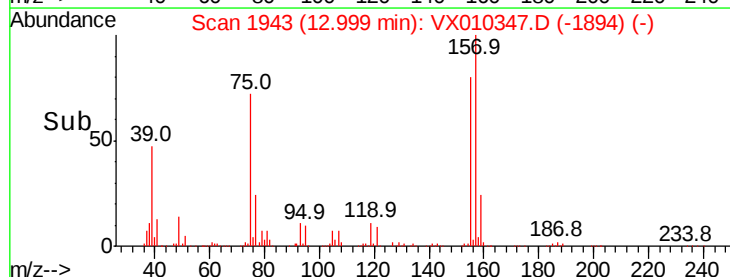
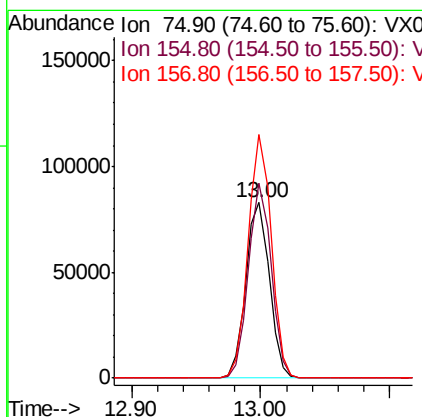
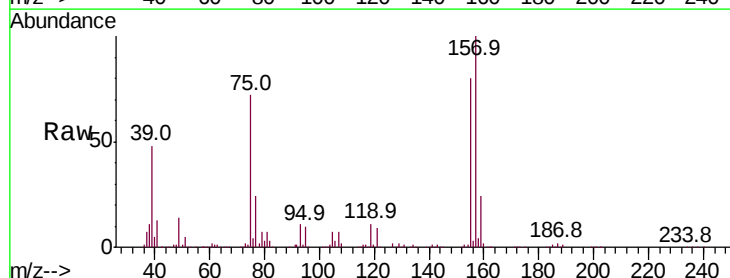
Manual Integrations
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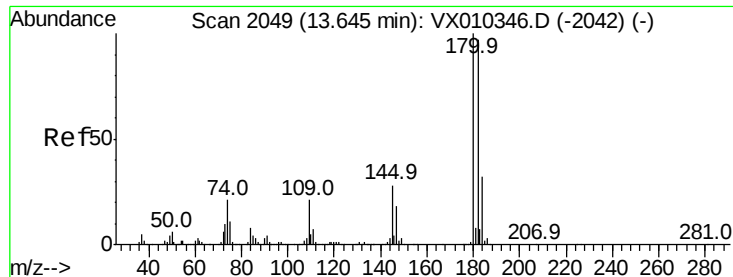
MMDadoda
 6/20/2019 1:23:33 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 90.451 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010347.D
 Acq: 19 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.3	54.4	163.1
157	135.2	69.5	208.3





#93

1,2,4-Trichlorobenzene

Concen: 95.988 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

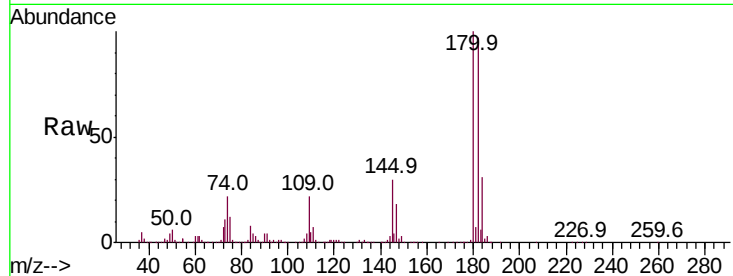
ClientSampled :

VSTDIC100

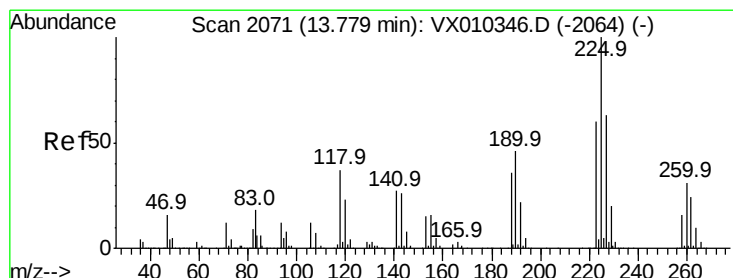
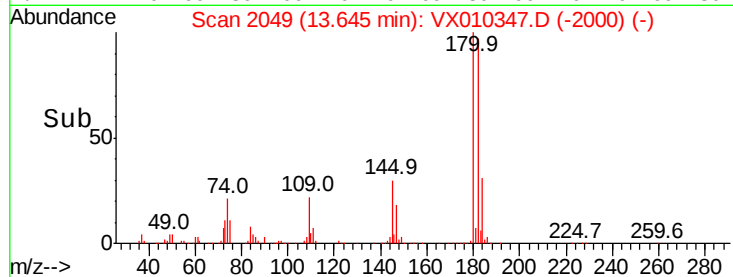
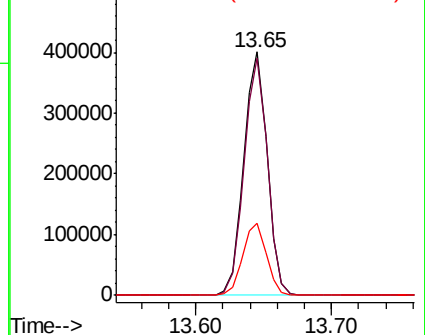
Tot Ion:	180	Resp:	481508
Ion Ratio	Lower	Upper	
180	100		
182	96.7	48.0	144.0
145	30.0	14.4	43.4

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 100.833 ug/l

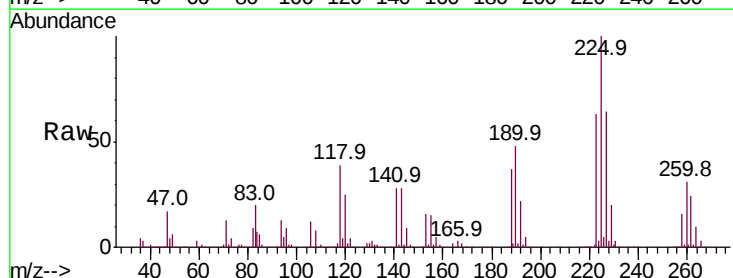
RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

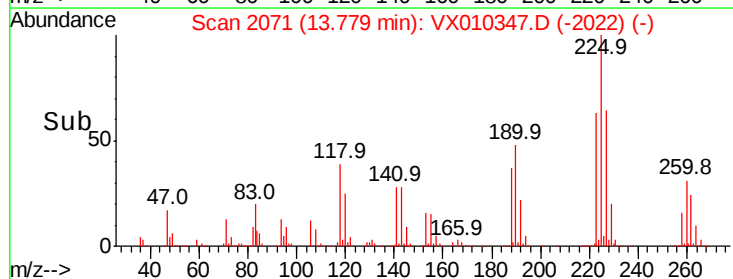
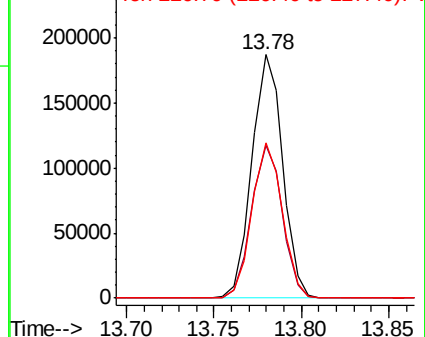
Lab File: VX010347.D

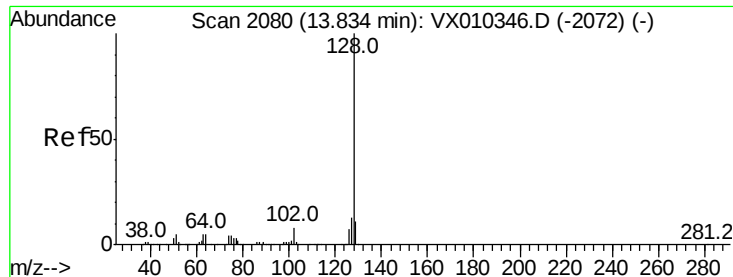
Acq: 19 Jun 2019 13:51

Tgt Ion:	225	Resp:	228372
Ion Ratio	Lower	Upper	
225	100		
223	62.7	30.9	92.7
227	63.0	31.9	95.5



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





#95

Naphthalene

Concen: 96.651 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 1520029

Ion Ratio Lower Upper

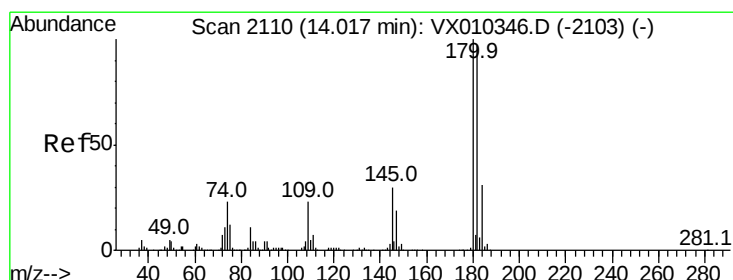
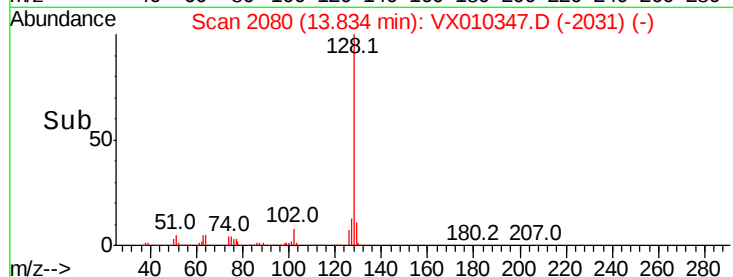
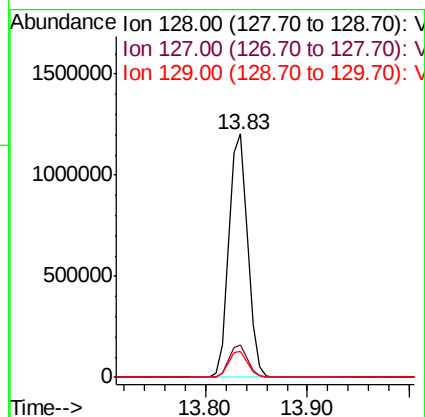
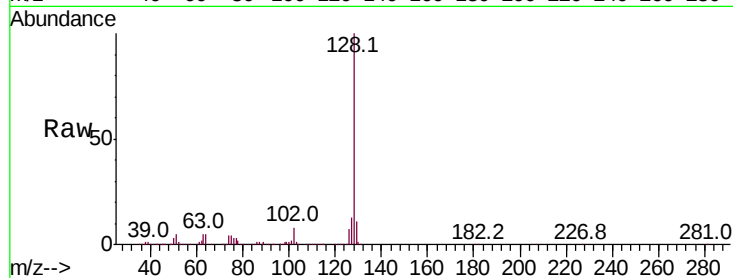
128 100

127 13.0 10.2 15.4

129 11.0 8.9 13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 96.503 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010347.D

Acq: 19 Jun 2019 13:51

Tgt Ion:180 Resp: 479547

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.3

145 31.1 15.2 45.6

