

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071719\
 Data File : VX010943.D
 Acq On : 17 Jul 2019 18:03
 Operator : JC/SP
 Sample : K3855-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MSD

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 10:58:17 AM

Quant Time: Jul 18 03:57:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	216020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325582	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158207	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110329	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.50	113	101149	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	8.71	98	377498	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.13	95	141451	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	112891	49.020	ug/l	99
3) Chloromethane	1.32	50	100446	50.564	ug/l	100
4) Vinyl Chloride	1.41	62	113083	55.809	ug/l	99
5) Bromomethane	1.64	94	56194	49.214	ug/l	99
6) Chloroethane	1.72	64	63490	49.307	ug/l	100
7) Trichlorofluoromethane	1.93	101	176793	51.544	ug/l	100
8) Diethyl Ether	2.19	74	58261	49.300	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98038	50.060	ug/l	98
10) Methyl Iodide	2.51	142	124951	48.620	ug/l	99
11) Tert butyl alcohol	3.05	59	112011	209.284	ug/l	98
12) 1,1-Dichloroethene	2.37	96	95742	49.758	ug/l	98
13) Acrolein	2.29	56	64100	207.291	ug/l	99
14) Allyl chloride	2.73	41	139289	49.837	ug/l	100
15) Acrylonitrile	3.14	53	271865	251.378	ug/l	99
16) Acetone	2.45	43	227339	219.028	ug/l	99
17) Carbon Disulfide	2.57	76	247030	50.050	ug/l	100
18) Methyl Acetate	2.78	43	114683	48.524	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	309687	49.996	ug/l	100
20) Methylene Chloride	2.85	84	106637	48.480	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	101963	49.942	ug/l	96
22) Diisopropyl ether	3.85	45	297962	50.548	ug/l	98
23) Vinyl Acetate	3.81	43	1312113	262.713	ug/l	99
24) 1,1-Dichloroethane	3.70	63	170194	49.716	ug/l	100
25) 2-Butanone	4.67	43	372834	250.232	ug/l	100
26) 2,2-Dichloropropane	4.58	77	131916	46.931	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	122167	51.704	ug/l	98
28) Bromochloromethane	5.02	49	81732	50.665	ug/l	99
29) Tetrahydrofuran	5.13	42	239913	254.200	ug/l	99
30) Chloroform	5.21	83	181740	49.116	ug/l	97
31) Cyclohexane	5.58	56	155167	49.728	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	161288	50.382	ug/l	99
36) 1,1-Dichloropropene	5.80	75	133699	49.993	ug/l	99
37) Ethyl Acetate	4.83	43	142804	52.148	ug/l	100
38) Carbon Tetrachloride	5.79	117	142989	51.310	ug/l	98

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170315	49.109	ug/l	99
40) Benzene	6.14	78	408075	49.813	ug/l	98
41) Methacrylonitrile	5.04	41	75148	48.340	ug/l	98
42) 1,2-Dichloroethane	6.20	62	142103	49.889	ug/l	99
43) Isopropyl Acetate	6.45	43	228297	50.700	ug/l	99
44) Trichloroethene	7.21	130	117654	48.519	ug/l	93
45) 1,2-Dichloropropane	7.51	63	104017	49.887	ug/l	99
46) Dibromomethane	7.66	93	75196	50.470	ug/l	99
47) Bromodichloromethane	7.90	83	136576	51.496	ug/l	98
48) Methyl methacrylate	7.77	41	112355	51.220	ug/l	98
49) 1,4-Dioxane	7.74	88	52929	862.607	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	758018	259.690	ug/l	100
52) Toluene	8.78	92	267971	49.794	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	149296	52.353	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	163712	51.592	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	110893	50.045	ug/l	96
56) Ethyl methacrylate	9.18	69	170830	52.704	ug/l	99
57) 1,3-Dichloropropane	9.37	76	175497	49.925	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	400409	258.785	ug/l	100
59) 2-Hexanone	9.49	43	593813	262.288	ug/l	99
60) Dibromochloromethane	9.58	129	120519	47.397	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121233	51.553	ug/l	100
64) Tetrachloroethene	9.34	164	113684	48.190	ug/l	98
65) Chlorobenzene	10.13	112	300914	48.856	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	111668	51.586	ug/l	99
67) Ethyl Benzene	10.25	91	527036	50.271	ug/l	100
68) m/p-Xylenes	10.36	106	402105	99.989	ug/l	100
69) o-Xylene	10.69	106	197709	50.374	ug/l	99
70) Styrene	10.71	104	336769	51.473	ug/l	100
71) Bromoform	10.85	173	91418	46.566	ug/l #	100
73) Isopropylbenzene	11.02	105	530664	49.641	ug/l	100
74) N-amyl acetate	10.90	43	213994	52.391	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	175225	50.088	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	146316m	51.250	ug/l	
77) Bromobenzene	11.26	156	142259	48.245	ug/l	98
78) n-propylbenzene	11.36	91	597777	50.609	ug/l	99
79) 2-Chlorotoluene	11.42	91	352178	49.634	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	449393	50.309	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50564	45.280	ug/l	97
82) 4-Chlorotoluene	11.51	91	415572	50.321	ug/l	99
83) tert-Butylbenzene	11.77	119	439917	50.139	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	455840	50.631	ug/l	99
85) sec-Butylbenzene	11.94	105	522379	50.811	ug/l	99
86) p-Isopropyltoluene	12.06	119	483245	50.843	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	256397	50.105	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	256011	48.781	ug/l	99
89) n-Butylbenzene	12.38	91	418494	51.466	ug/l	100
90) Hexachloroethane	12.59	117	75964	50.672	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	252229	49.735	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38046	52.027	ug/l	100

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ClientSampleId :
SS050MW641-190716MSD

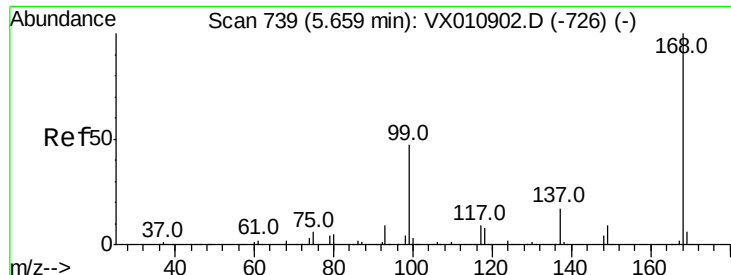
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
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QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	171347	49.853	ug/l	98
94) Hexachlorobutadiene	13.78	225	84713	49.737	ug/l	99
95) Naphthalene	13.83	128	534275	52.641	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	175842	51.419	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion:168 Resp: 216020

Ion Ratio Lower Upper

168 100

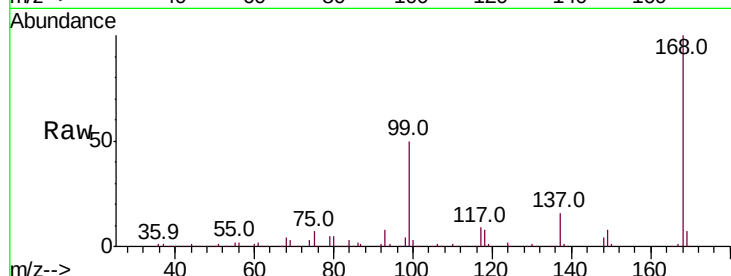
99 50.0 37.6 56.4

Manual Integrations

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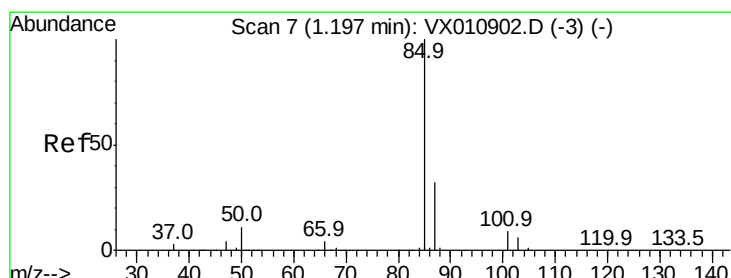
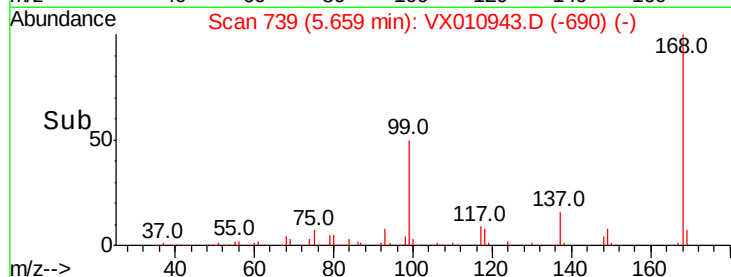
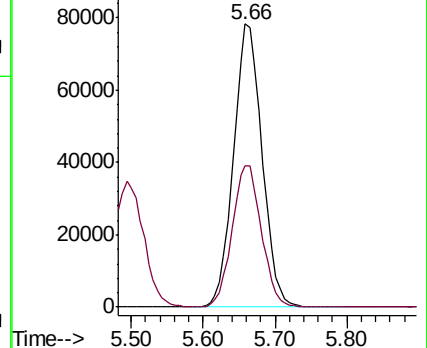
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.020 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010943.D

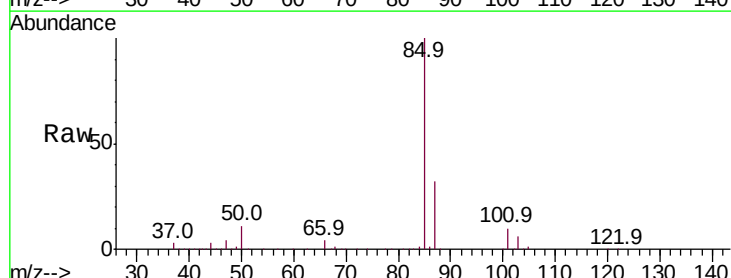
Acq: 17 Jul 2019 18:03

Tgt Ion: 85 Resp: 112891

Ion Ratio Lower Upper

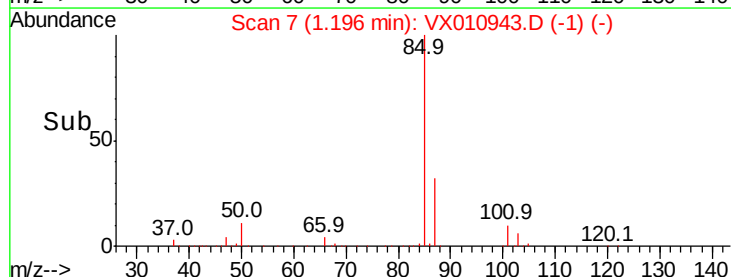
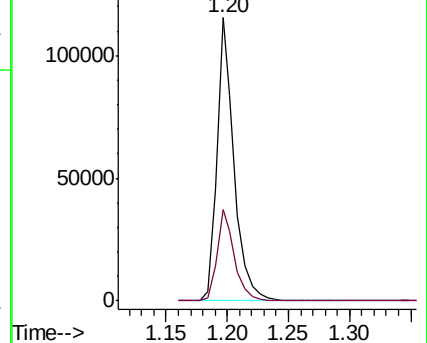
85 100

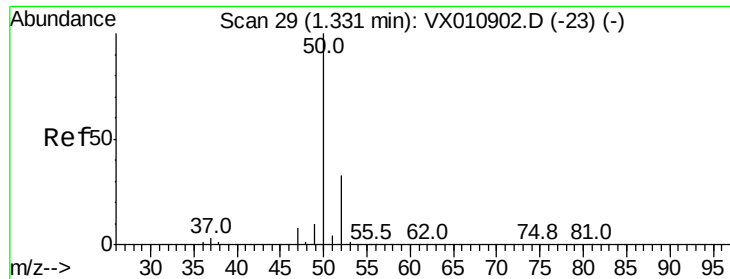
87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.564 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion: 50 Resp: 100446

Ion Ratio Lower Upper

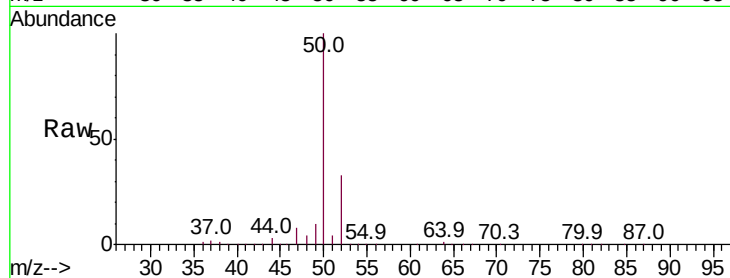
50 100

52 33.2 26.4 39.6

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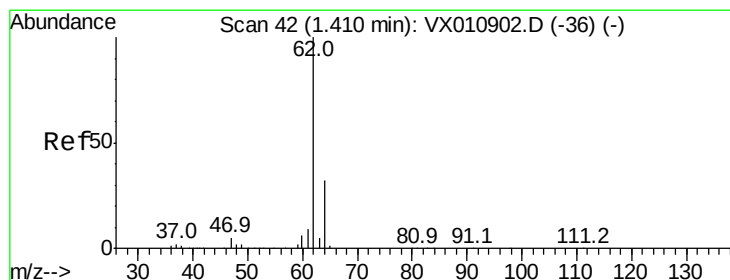
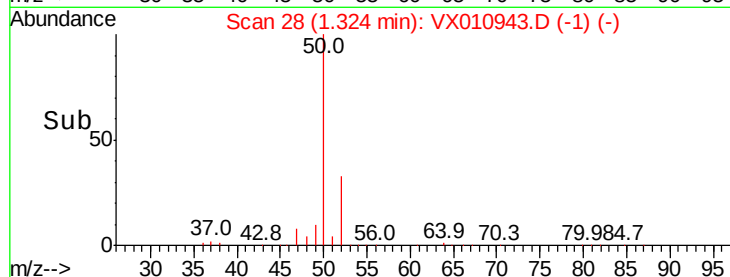
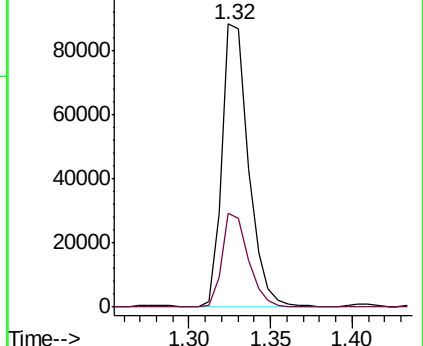
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 55.809 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010943.D

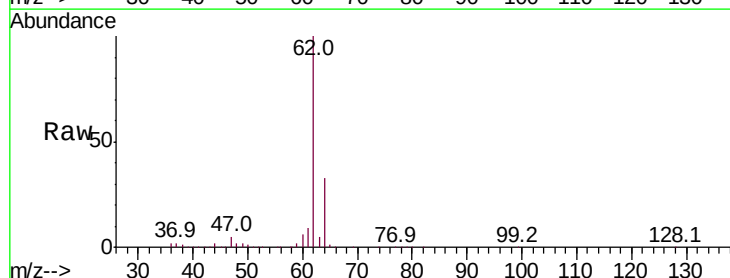
Acq: 17 Jul 2019 18:03

Tgt Ion: 62 Resp: 113083

Ion Ratio Lower Upper

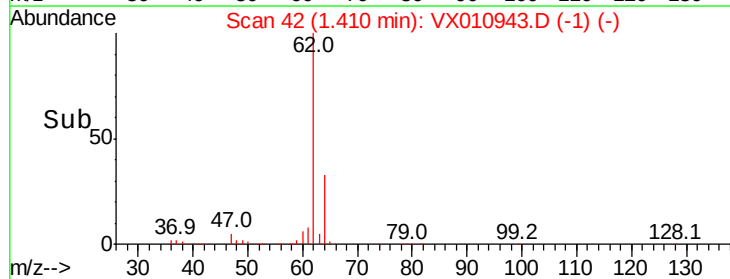
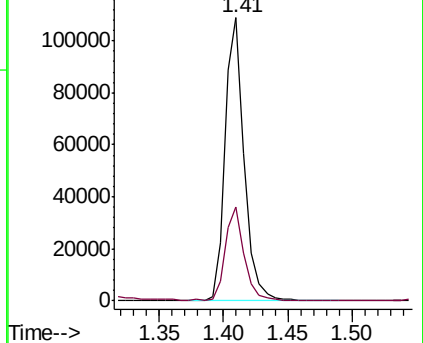
62 100

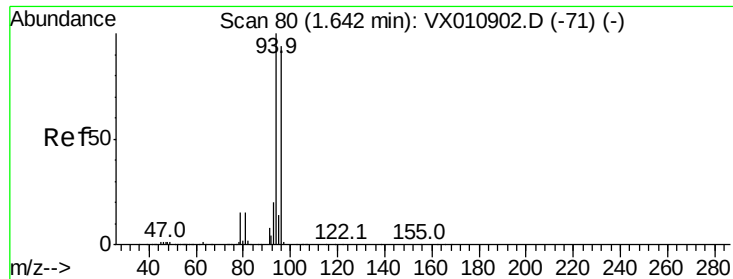
64 32.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.214 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion: 94 Resp: 56194

Ion Ratio Lower Upper

94 100

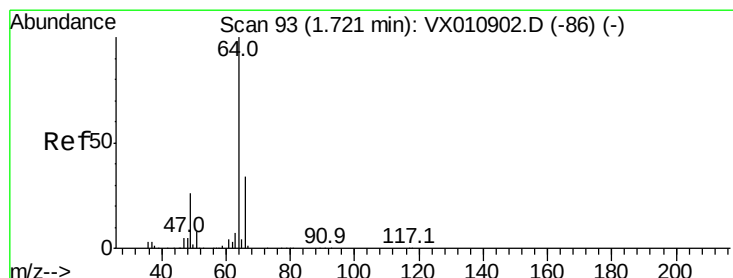
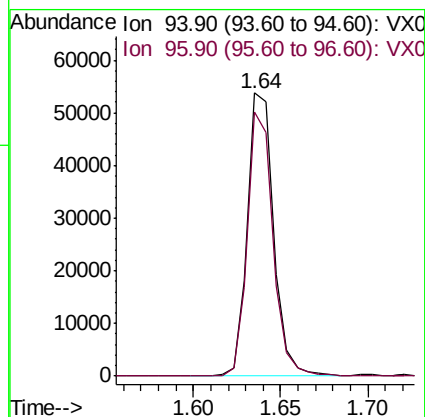
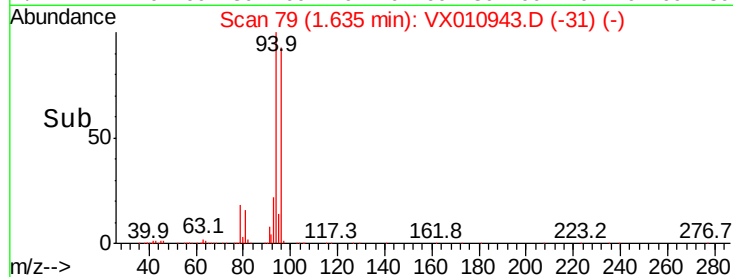
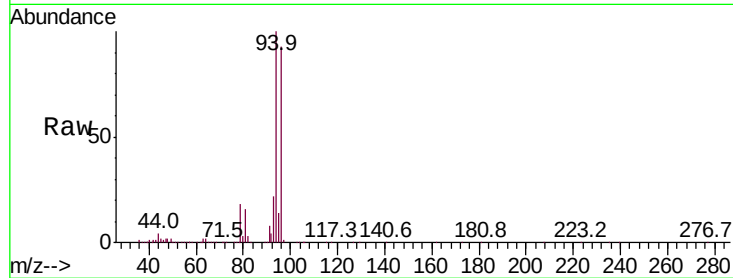
96 93.2 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 49.307 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010943.D

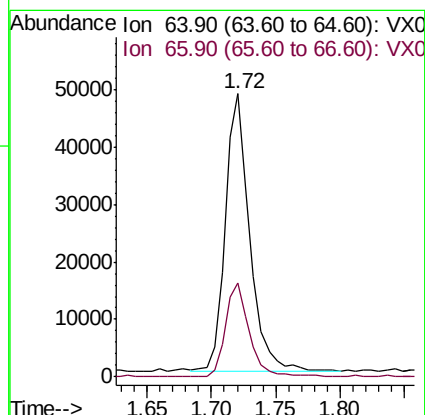
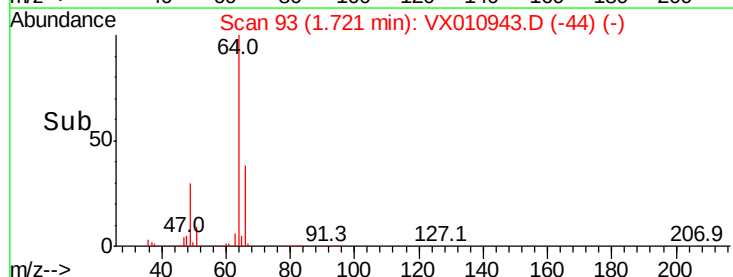
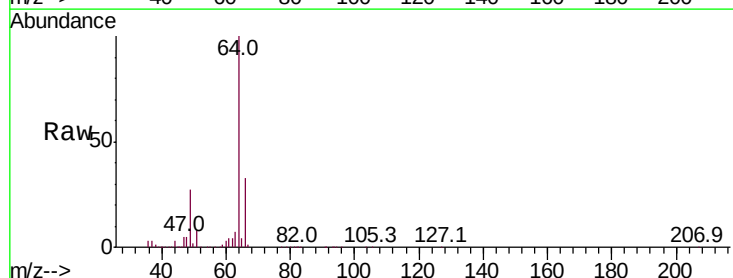
Acq: 17 Jul 2019 18:03

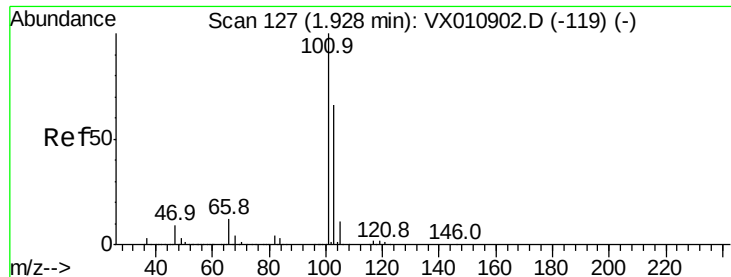
Tgt Ion: 64 Resp: 63490

Ion Ratio Lower Upper

64 100

66 33.9 27.0 40.6





#7

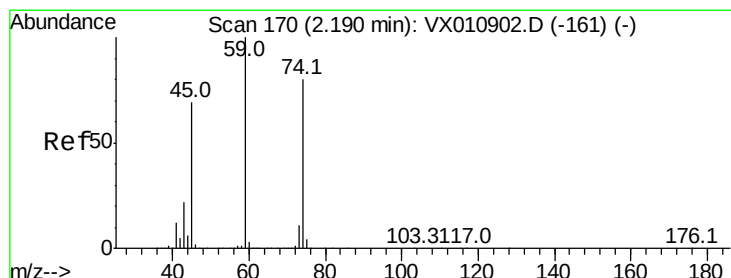
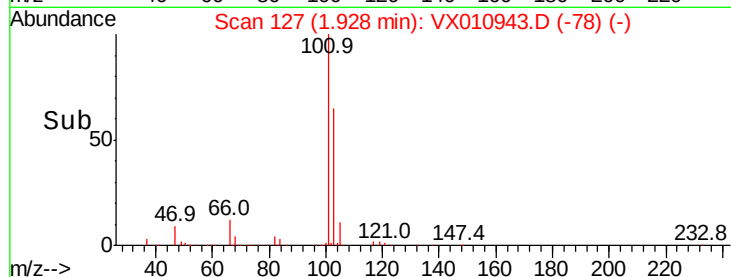
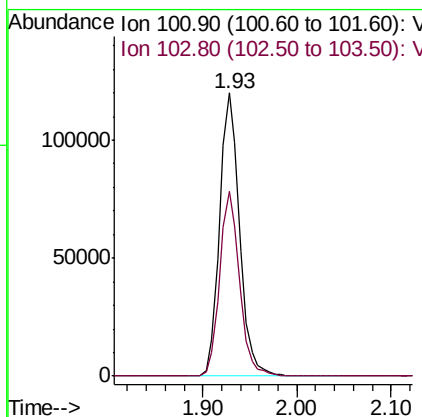
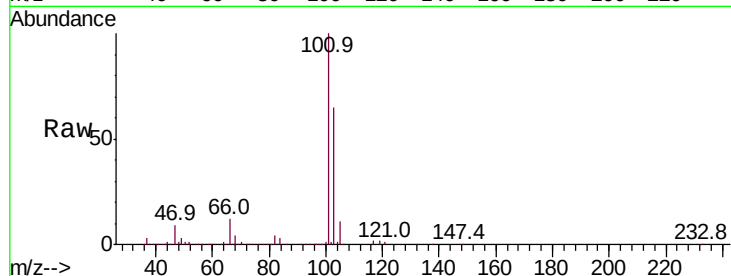
Trichlorofluoromethane
Concen: 51.544 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
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ClientSampleId :
SS050MW641-190716MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.6	78.8

Manual Integrations
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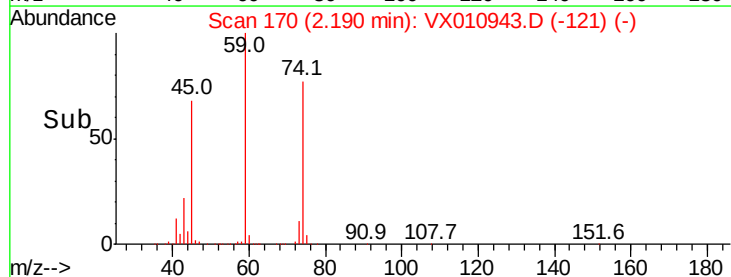
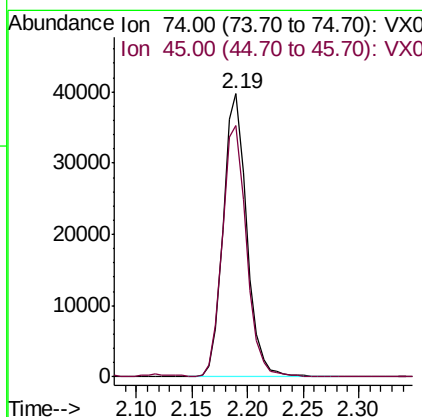
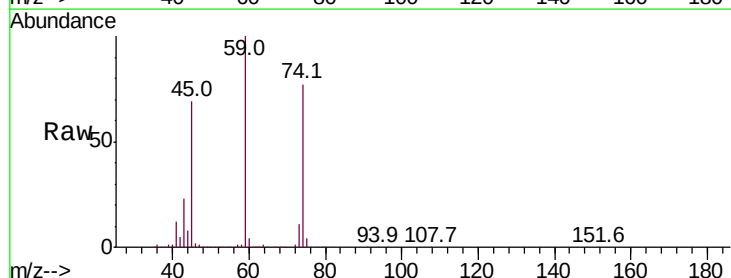
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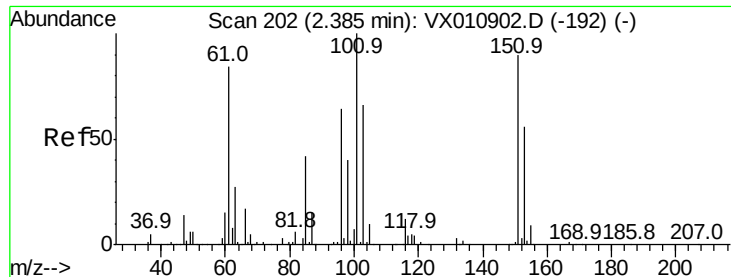


#8

Diethyl Ether
Concen: 49.300 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.060 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

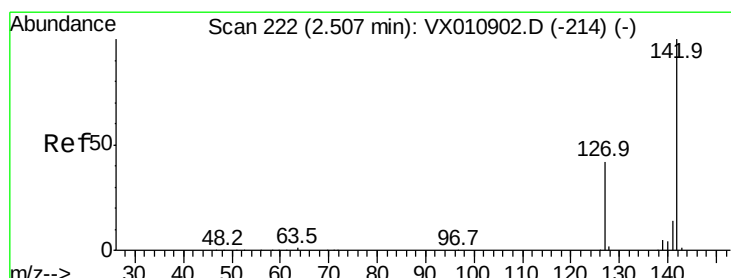
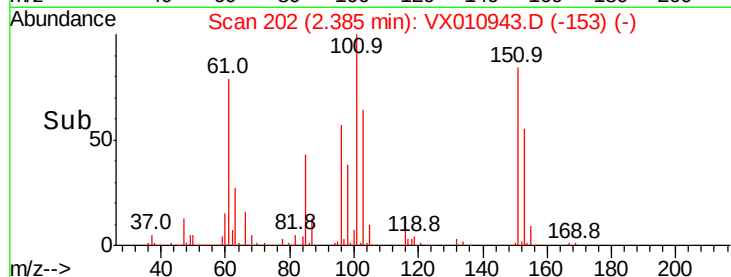
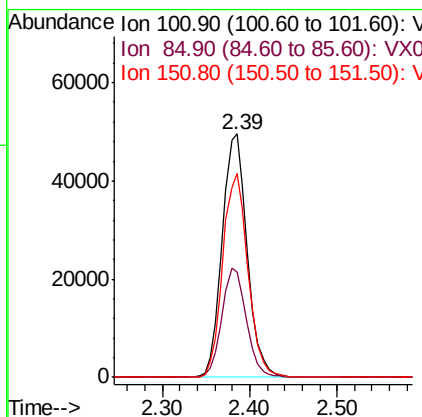
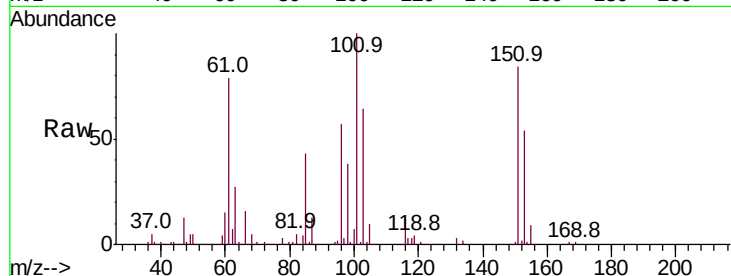
ClientSampleId :

SS050MW641-190716MSD

Tot Ion:	101	Resp:	98038
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.6	52.0
151	84.6	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 48.620 ug/l

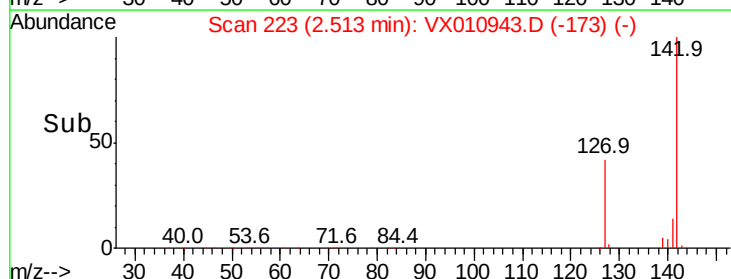
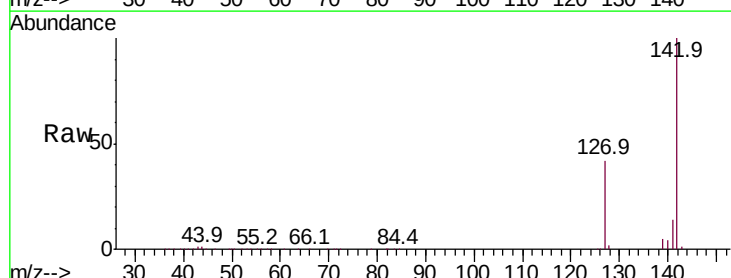
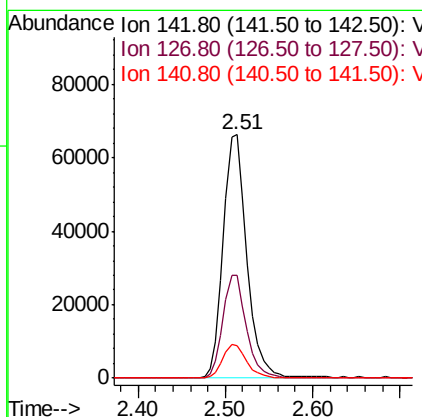
RT: 2.51 min Scan# 223

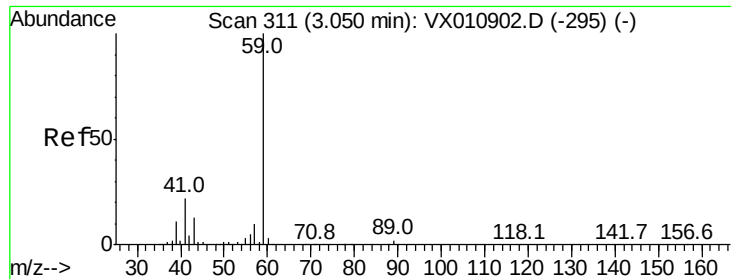
Delta R.T. 0.01 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion:	142	Resp:	124951
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.2	51.4
141	14.0	11.7	17.5





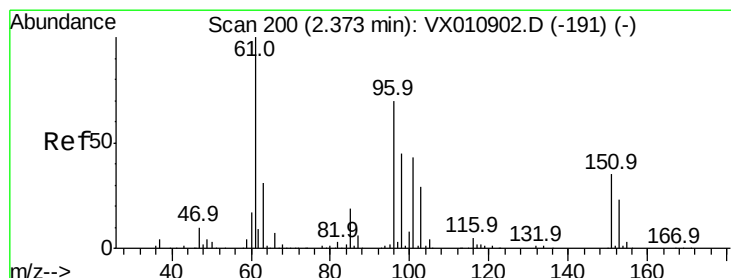
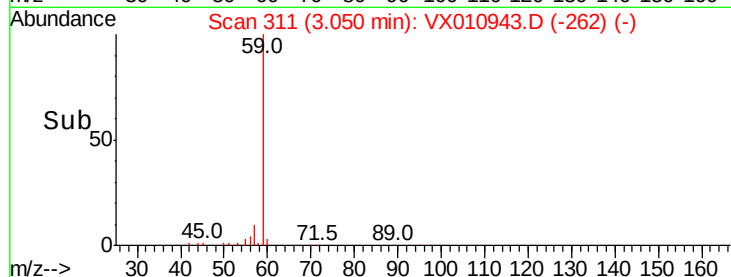
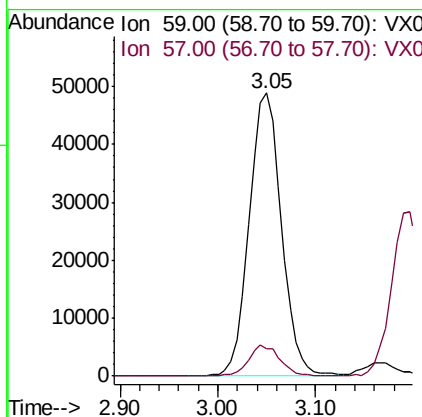
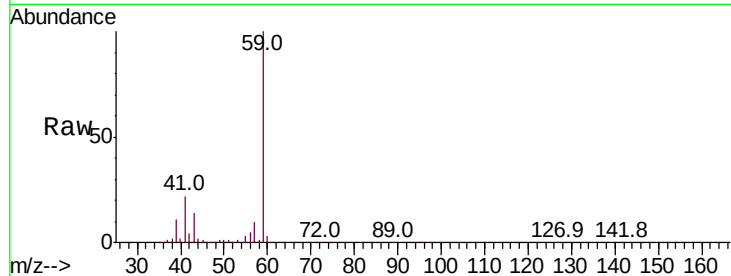
#11
Tert butyl alcohol
Concen: 209.284 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion: 59 Resp: 112011
Ion Ratio Lower Upper
59 100
57 10.7 7.9 11.9

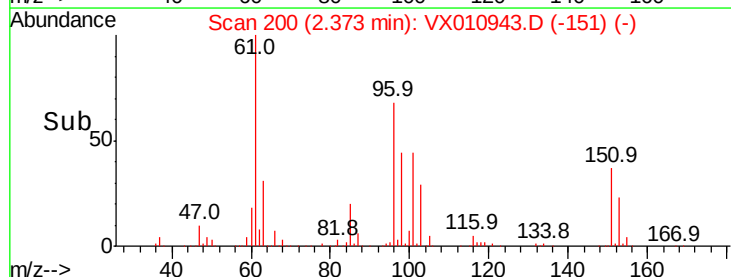
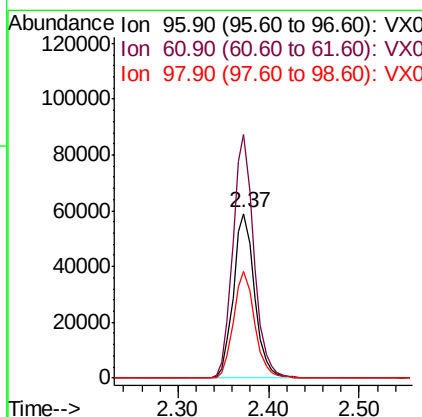
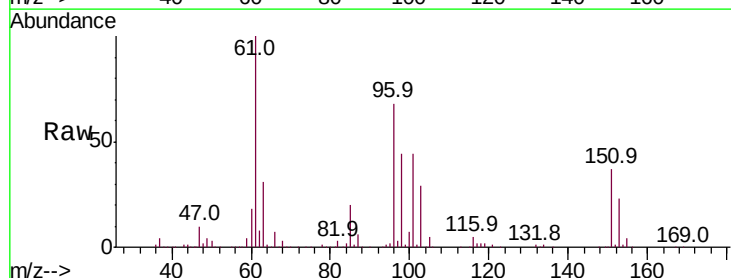
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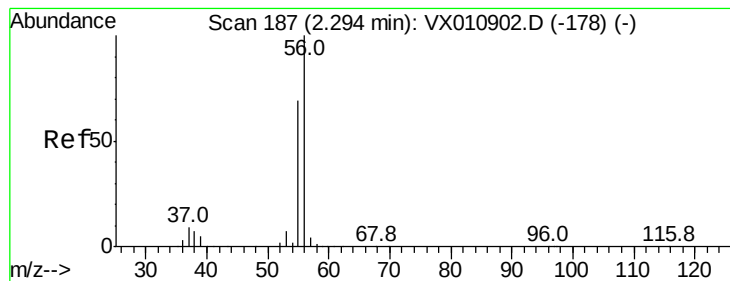
MMDadoda
7/22/2019 10:58:17 AM



#12
1,1-Dichloroethene
Concen: 49.758 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion: 96 Resp: 95742
Ion Ratio Lower Upper
96 100
61 148.1 115.0 172.4
98 65.1 52.2 78.2





#13

Acrolein

Concen: 207.291 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion: 56 Resp: 64100

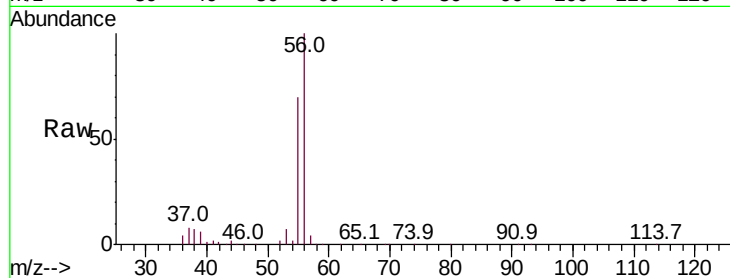
Ion Ratio Lower Upper

56 100

55 69.2 55.9 83.9

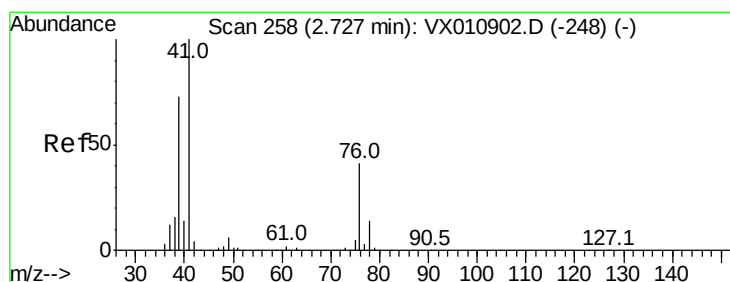
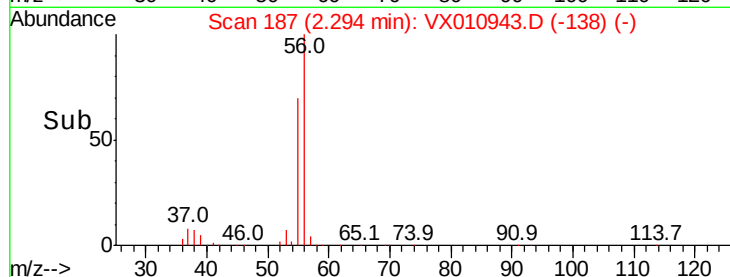
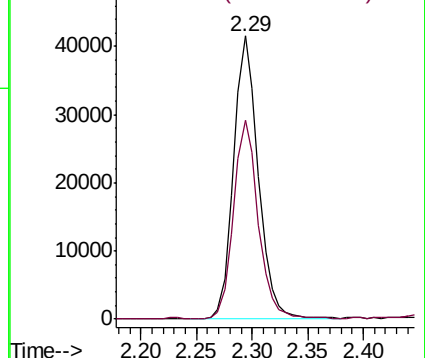
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.837 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

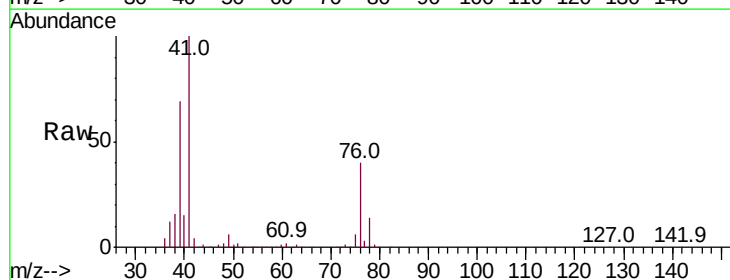
Tgt Ion: 41 Resp: 139289

Ion Ratio Lower Upper

41 100

39 67.1 53.6 80.4

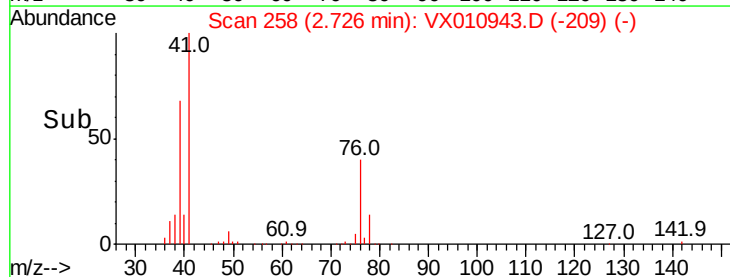
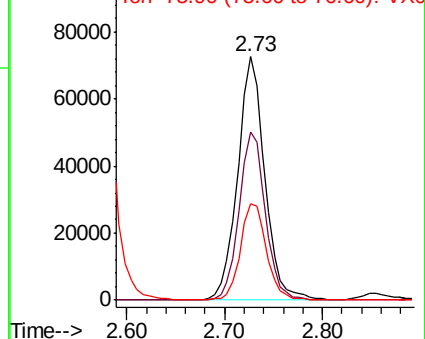
76 37.8 29.7 44.5

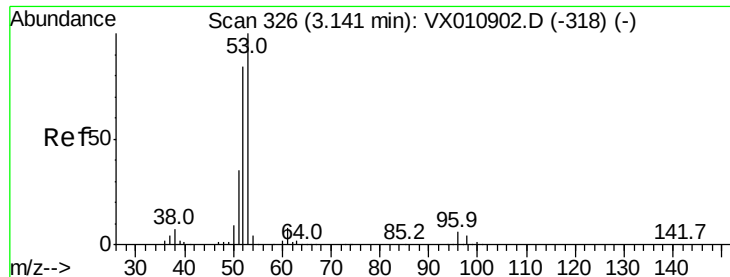


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 251.378 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

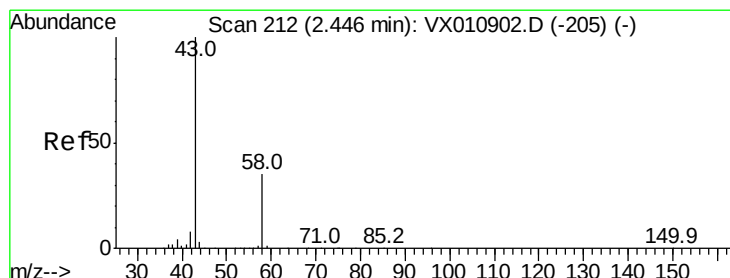
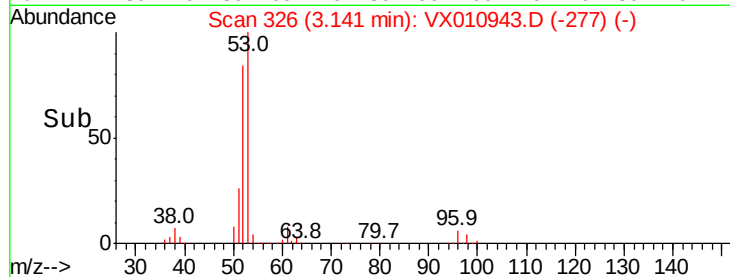
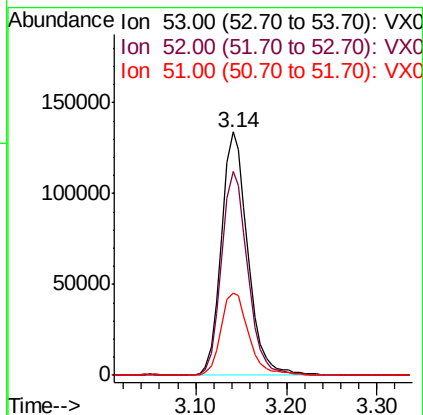
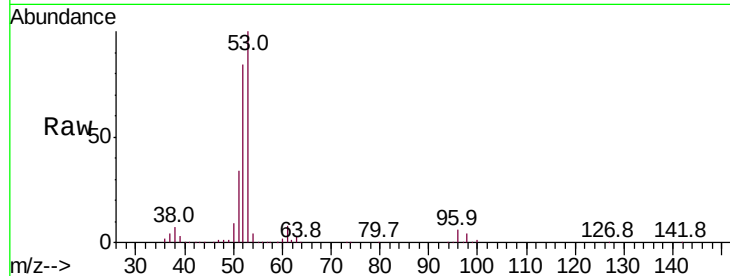
ClientSampleId :

SS050MW641-190716MSD

Tot Ion:	53	Resp:	271865
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.5	99.7
51	35.9	28.2	42.4

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#16

Acetone

Concen: 219.028 ug/l

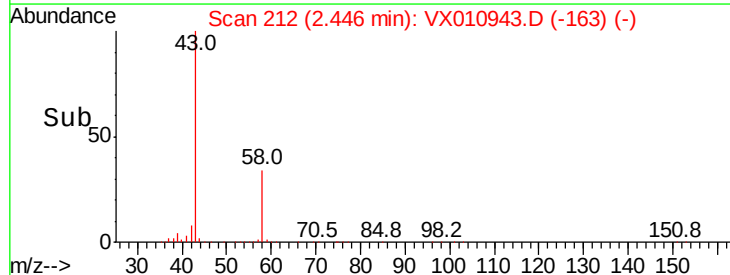
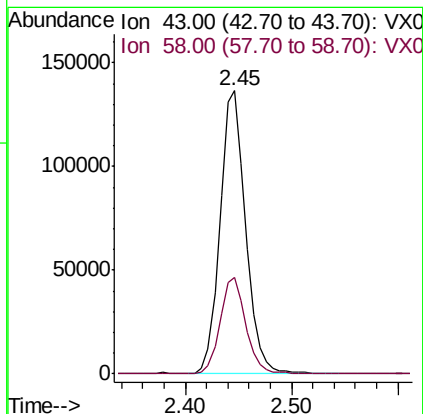
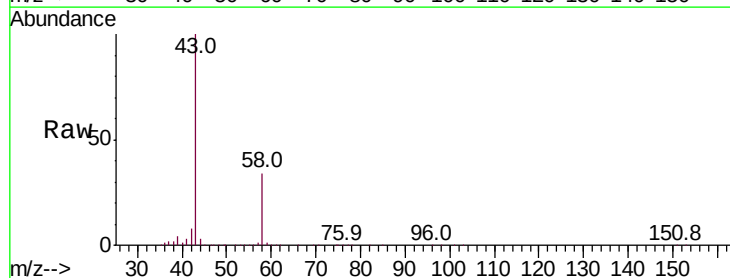
RT: 2.45 min Scan# 212

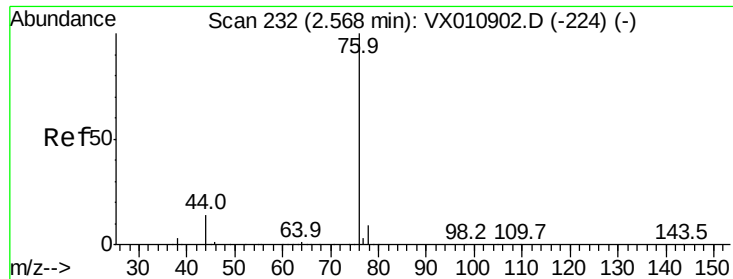
Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion:	43	Resp:	227339
Ion Ratio		Lower	Upper
43	100		
58	34.2	27.7	41.5





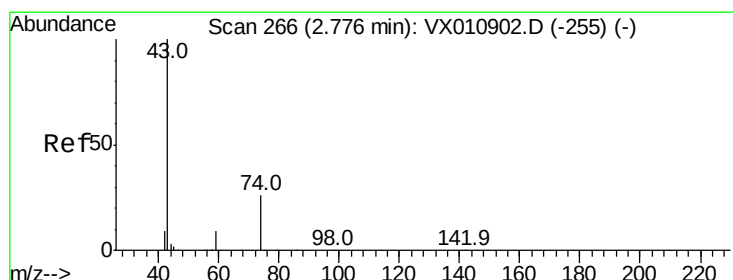
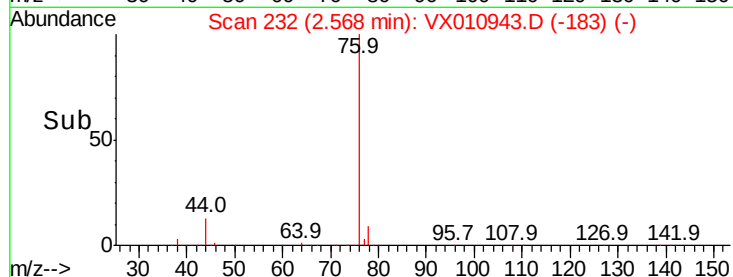
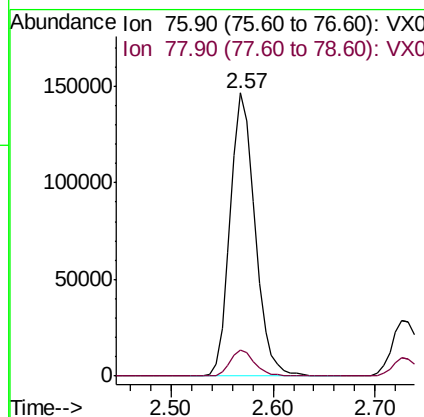
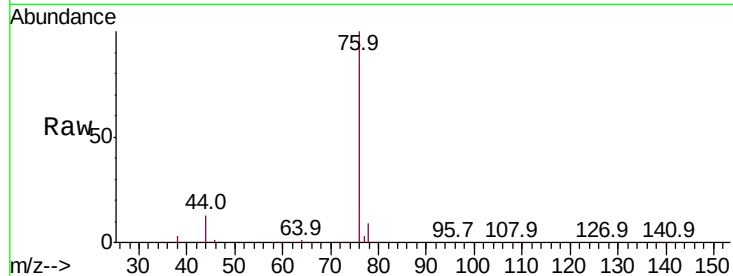
#17
Carbon Disulfide
Concen: 50.050 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

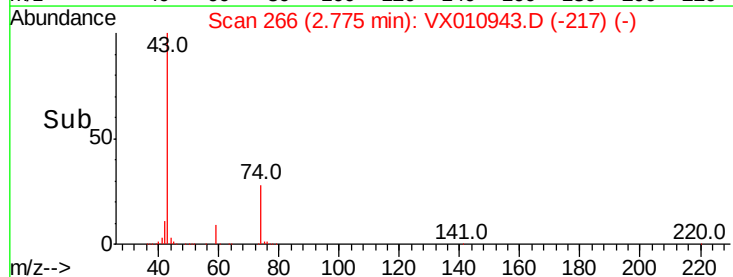
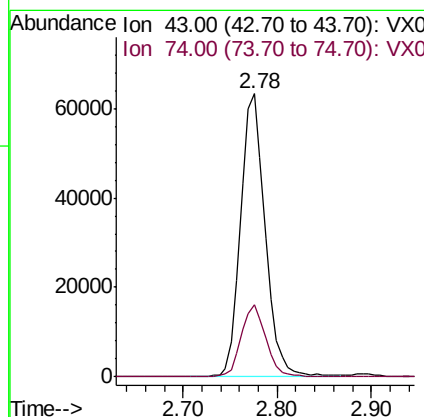
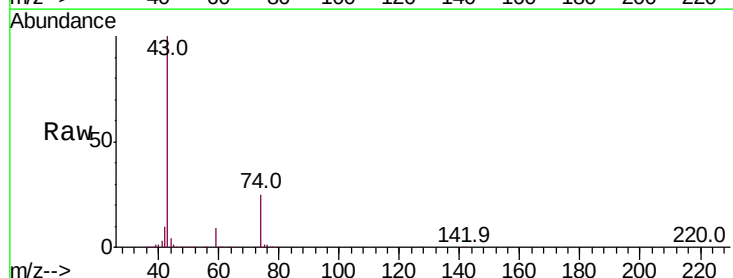
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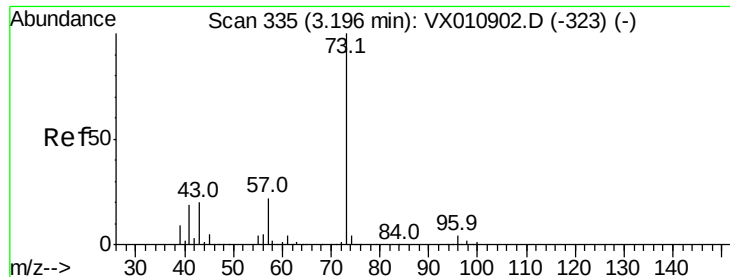
MMDadoda
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#18
Methyl Acetate
Concen: 48.524 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	21.5	32.3





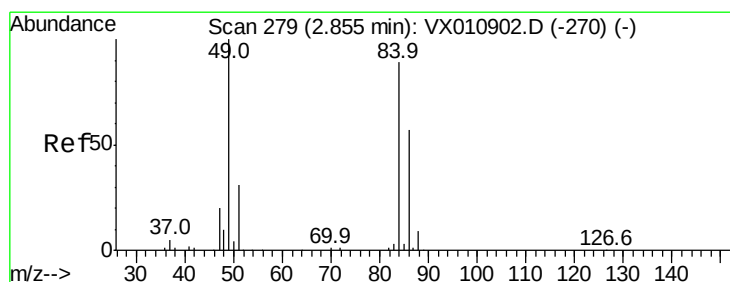
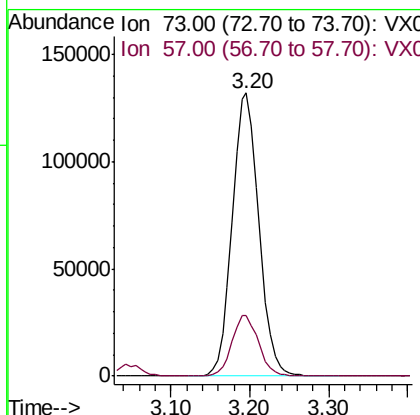
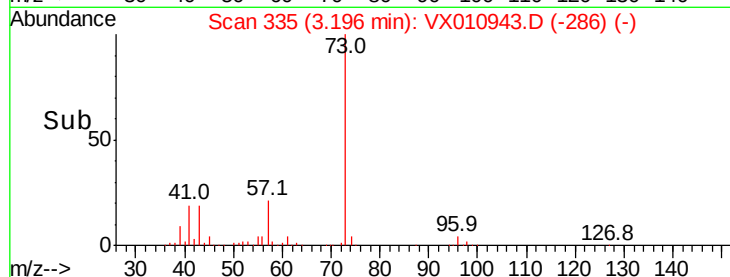
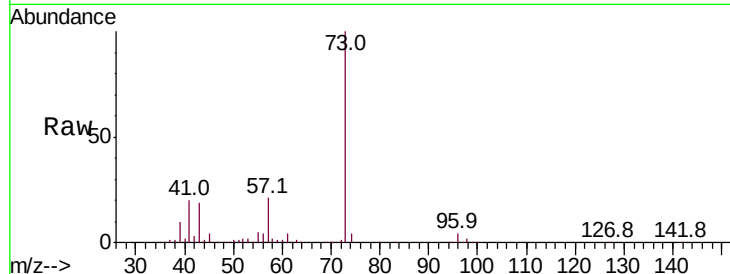
#19
Methvl tert-butvl Ether
Concen: 49.996 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion: 73 Resp: 309687
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

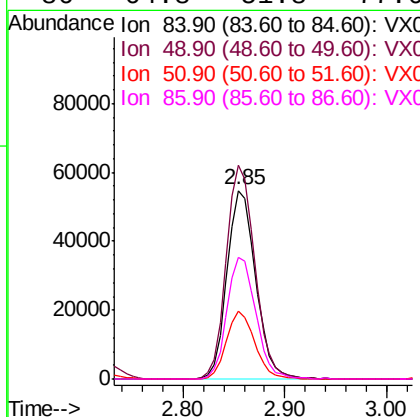
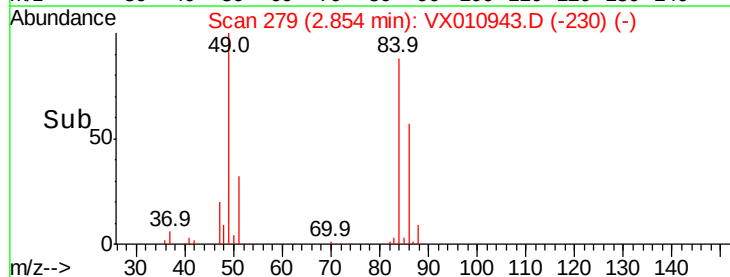
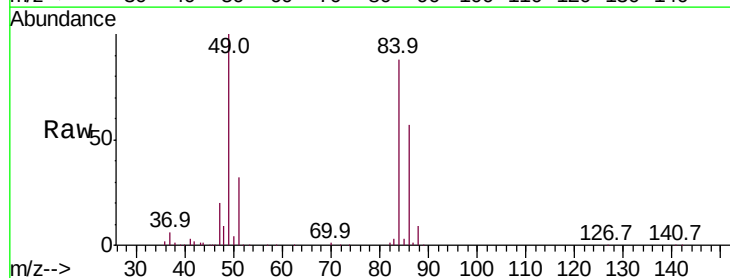
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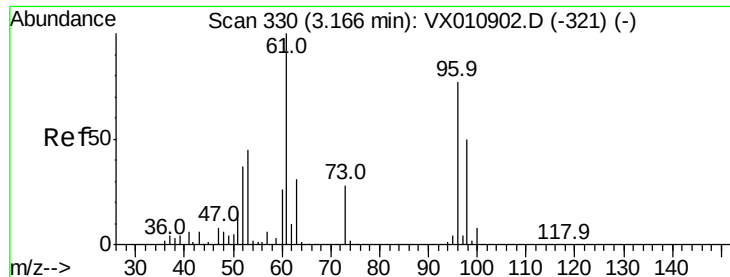
MMDadoda
7/22/2019 10:58:17 AM



#20
Methylene Chloride
Concen: 48.480 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion: 84 Resp: 106637
Ion Ratio Lower Upper
84 100
49 113.2 89.9 134.9
51 36.0 27.8 41.6
86 64.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.942 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion: 96 Resp: 101963

Ion Ratio Lower Upper

96 100

61 124.3 104.2 156.2

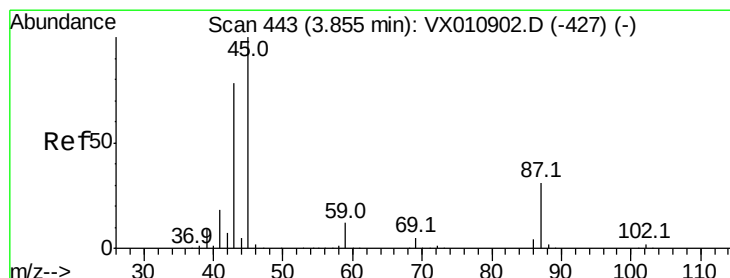
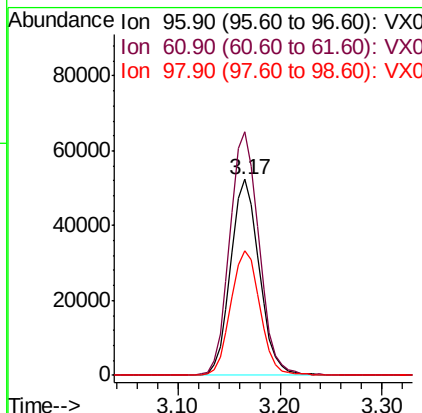
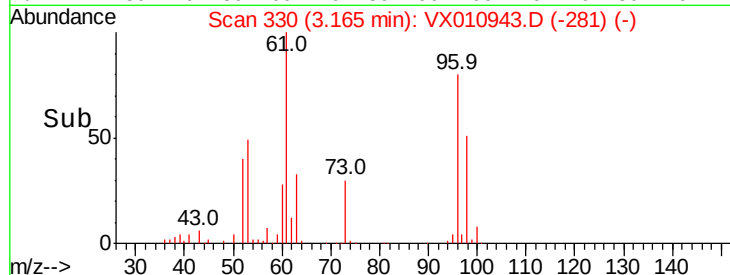
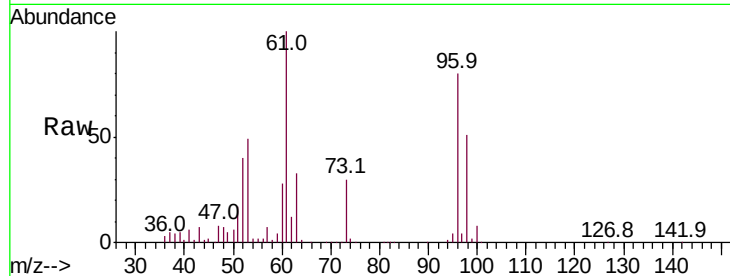
98 63.5 52.2 78.4

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#22

Diisopropyl ether

Concen: 50.548 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion: 45 Resp: 297962

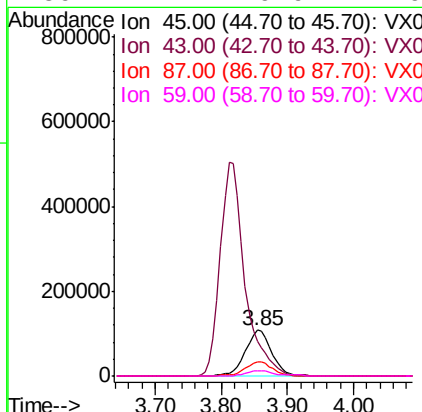
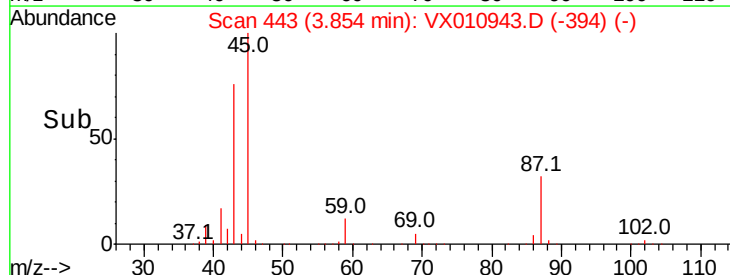
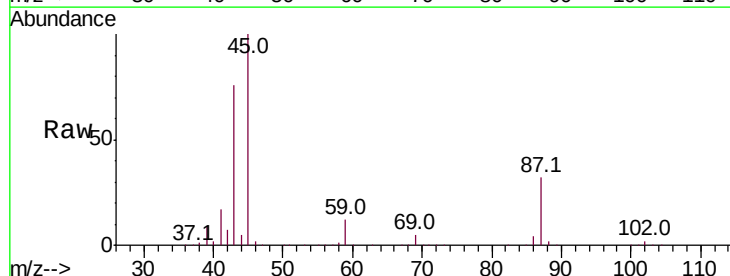
Ion Ratio Lower Upper

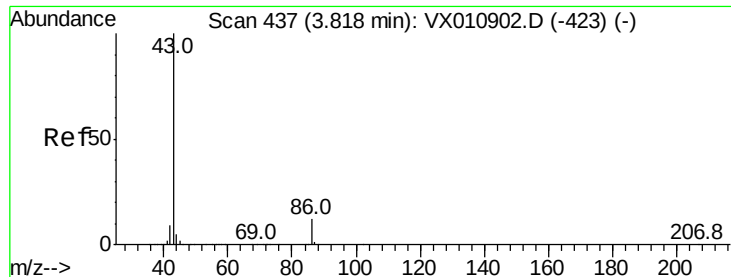
45 100

43 75.7 62.3 93.5

87 31.8 25.0 37.4

59 12.1 9.9 14.9





#23

Vinyl Acetate

Concen: 262.713 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion: 43 Resp: 1312113

Ion Ratio Lower Upper

43 100

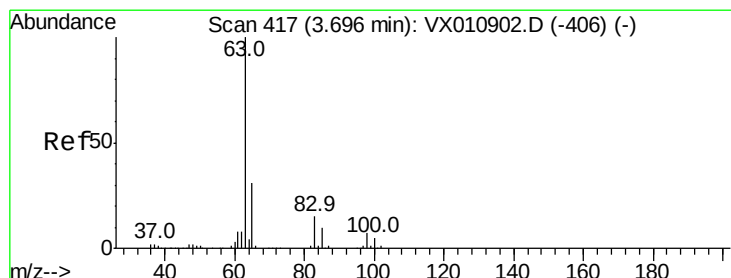
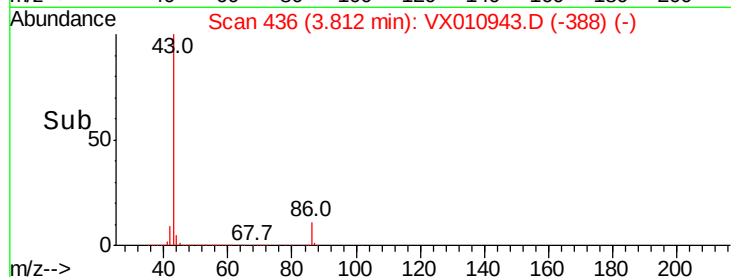
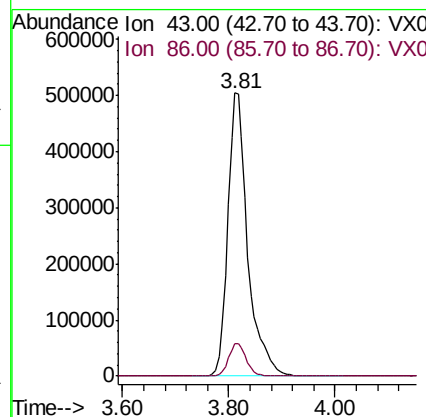
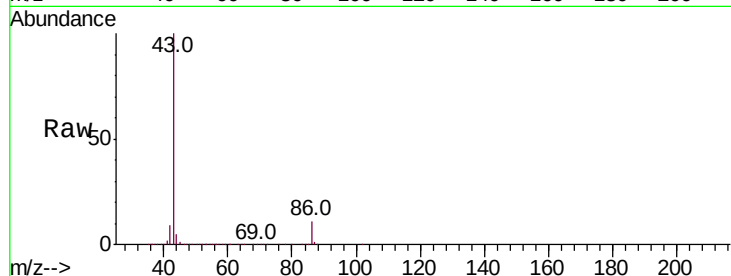
86 11.5 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.716 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

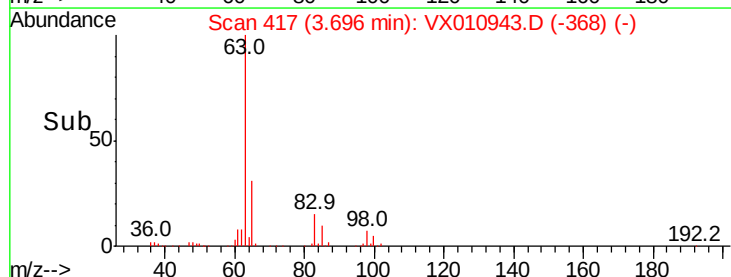
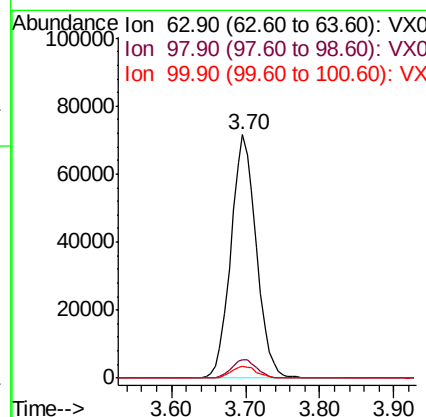
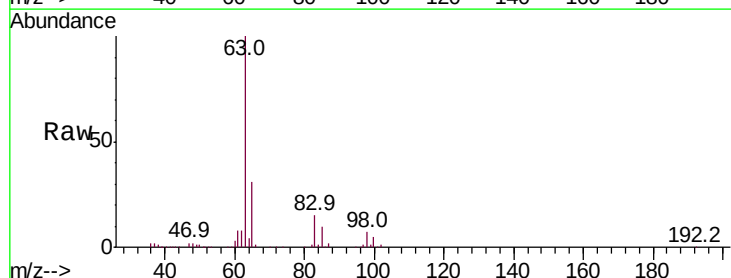
Tgt Ion: 63 Resp: 170194

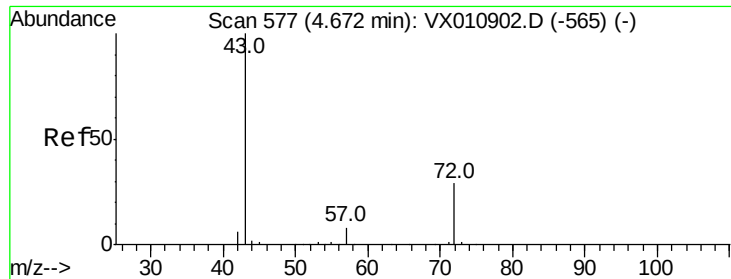
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 250.232 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion: 43 Resp: 372834

Ion Ratio Lower Upper

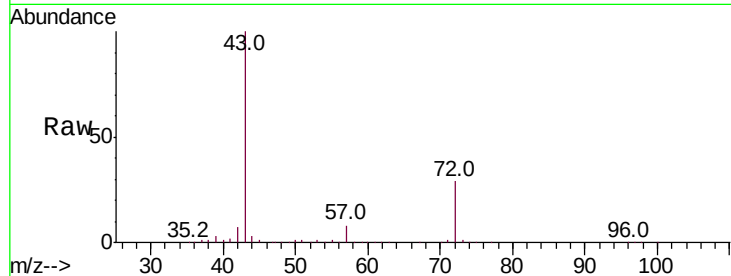
43 100

72 29.0 23.0 34.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

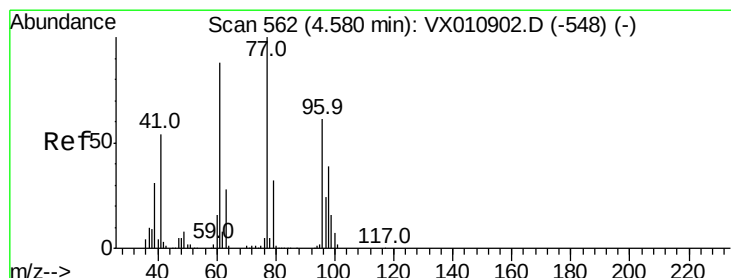
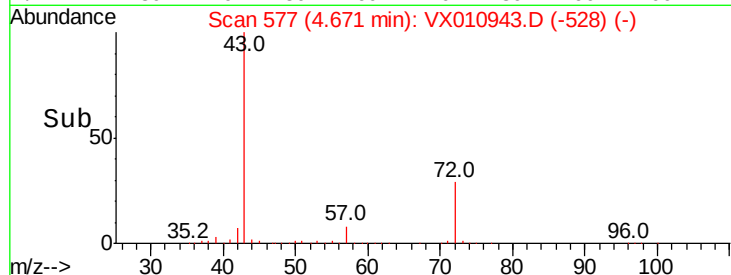
4.67

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 46.931 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010943.D

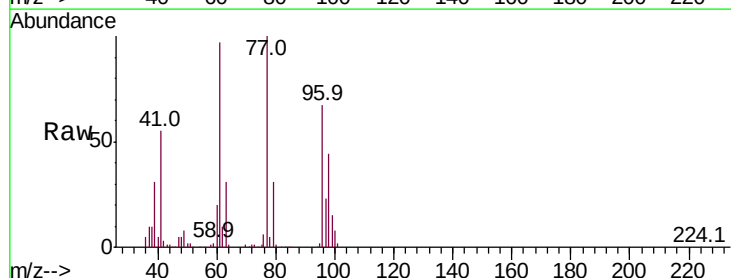
Acq: 17 Jul 2019 18:03

Tgt Ion: 77 Resp: 131916

Ion Ratio Lower Upper

77 100

97 25.3 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

4.58

40000

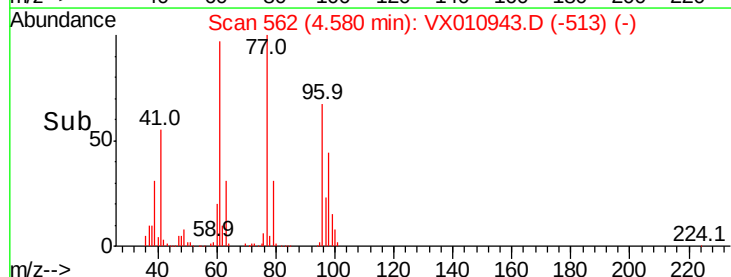
30000

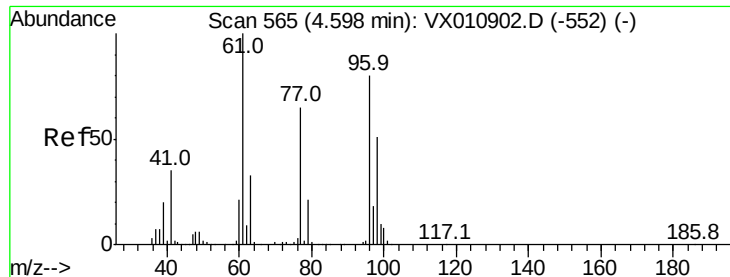
20000

10000

0

Time-->





#27

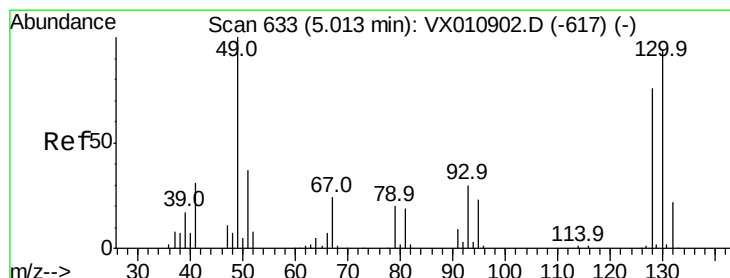
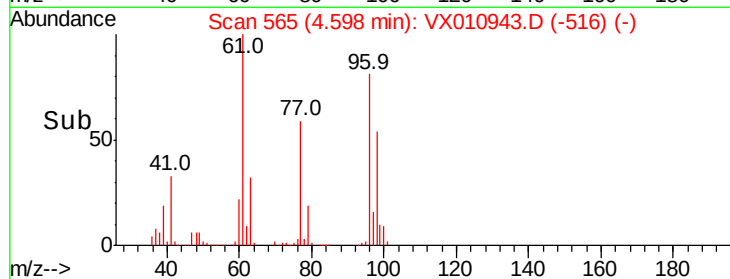
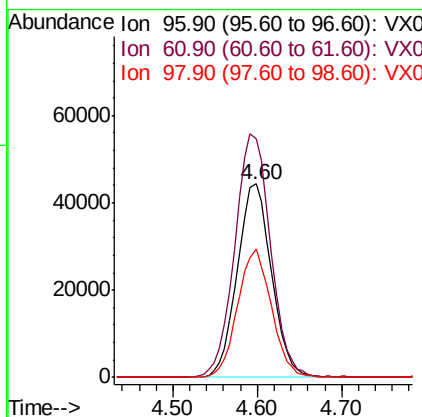
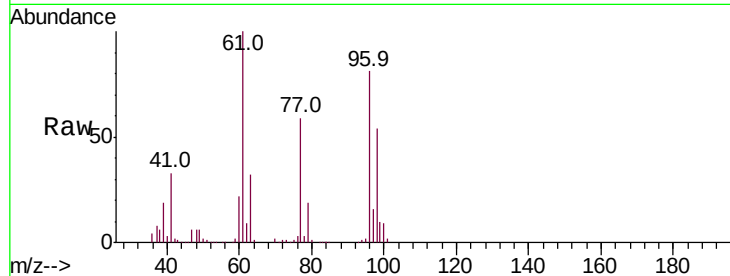
cis-1,2-Dichloroethene
Concen: 51.704 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	122167		
61	131.3	0.0	269.0	
98	65.3	0.0	131.4	

Manual Integrations
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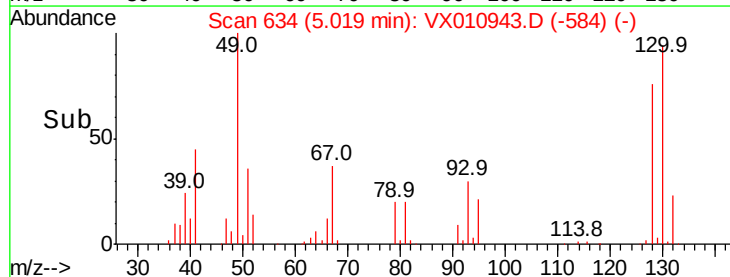
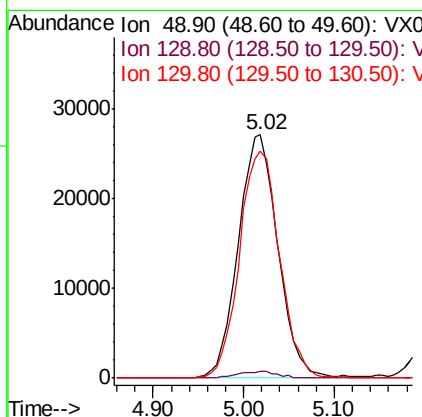
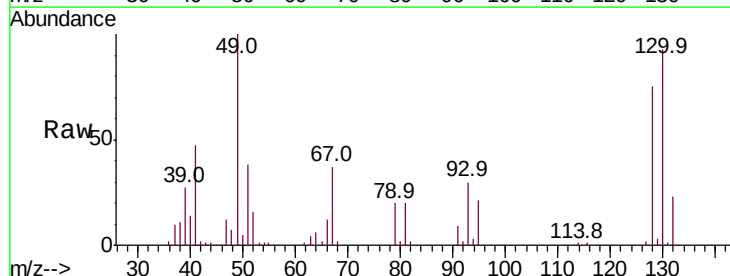
MMDadoda
7/22/2019 10:58:17 AM

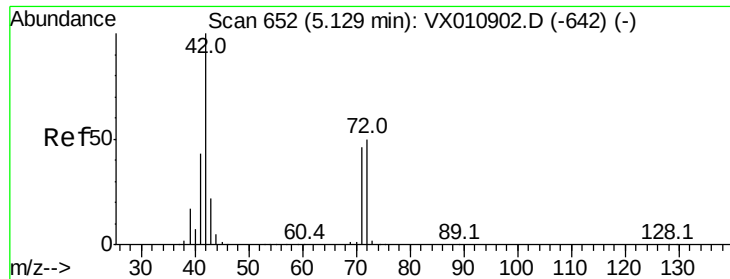


#28

Bromochloromethane
Concen: 50.665 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81732		
129	2.8	0.0	5.2	
130	94.8	76.9	115.3	





#29

Tetrahydrofuran

Concen: 254.200 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

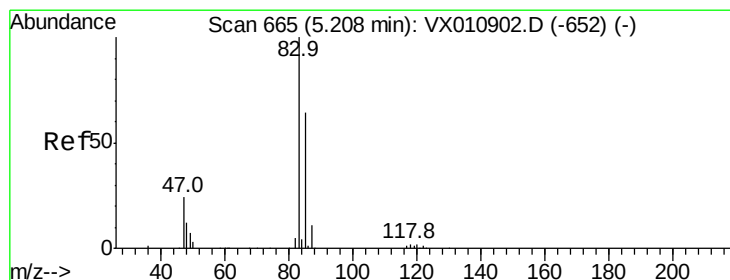
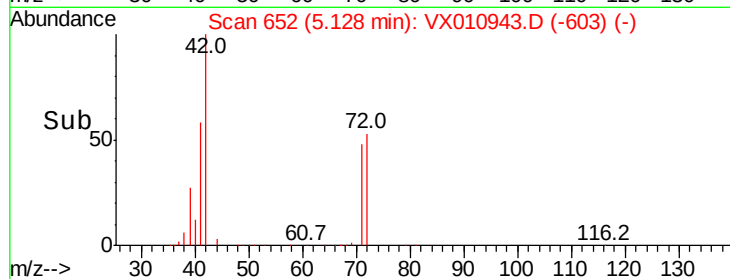
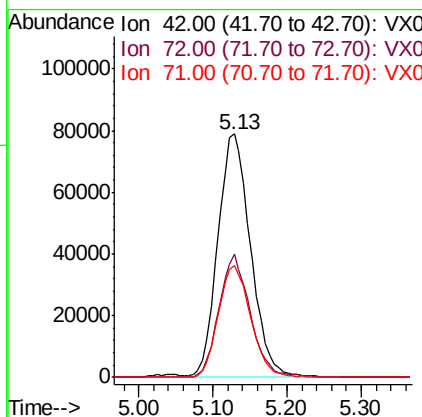
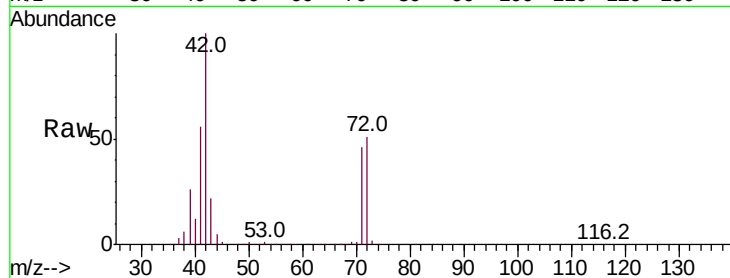
ClientSampleId :

SS050MW641-190716MSD

Tot Ion:	42	Resp:	239913
Ion Ratio	Lower	Upper	
42	100		
72	48.7	39.8	59.8
71	45.8	37.0	55.4

Manual Integrations
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#30

Chloroform

Concen: 49.116 ug/l

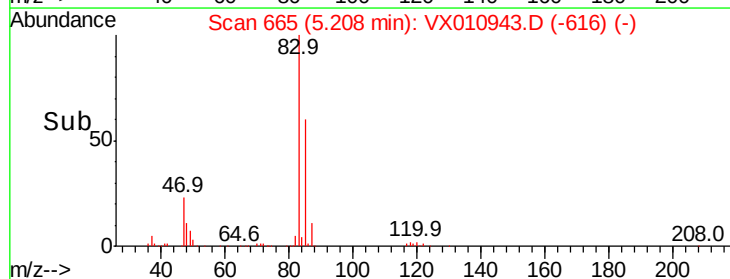
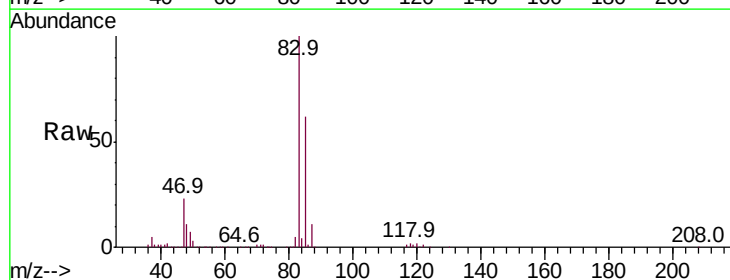
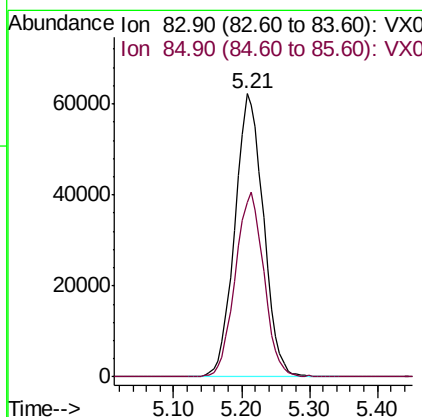
RT: 5.21 min Scan# 665

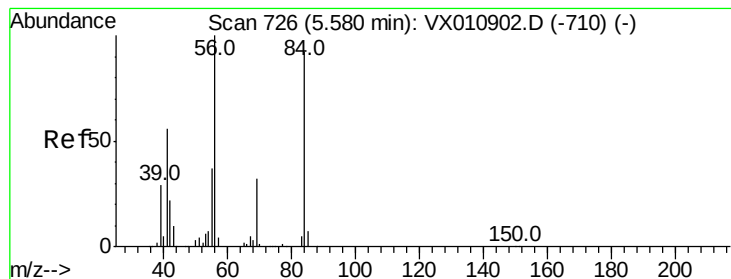
Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion:	83	Resp:	181740
Ion Ratio	Lower	Upper	
83	100		
85	61.5	51.4	77.0





#31

Cyclohexane

Concen: 49.728 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

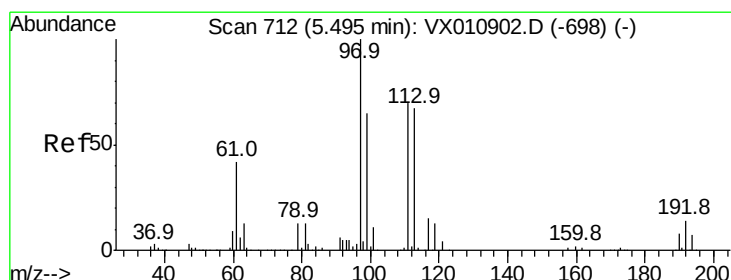
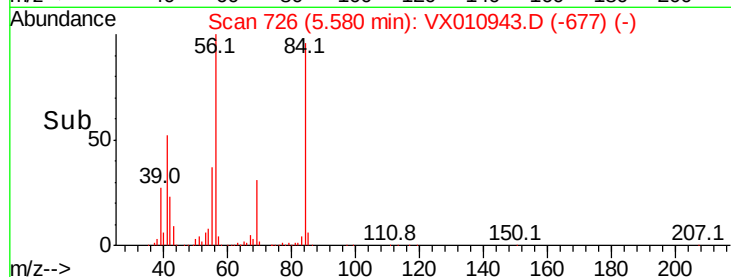
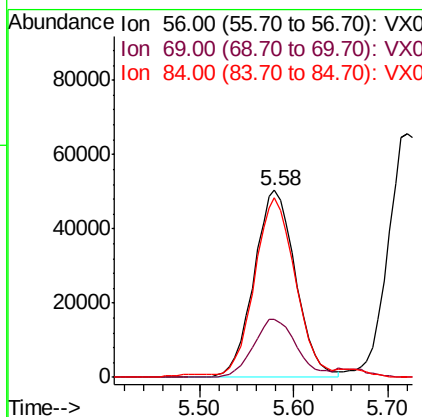
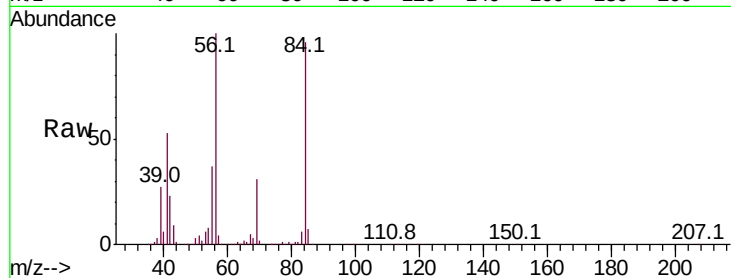
ClientSampleId :

SS050MW641-190716MSD

Tot Ion:	56	Resp:	155167
Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.8	38.8
84	94.6	73.8	110.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.382 ug/l

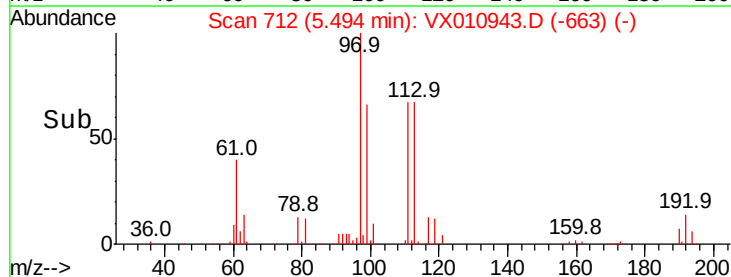
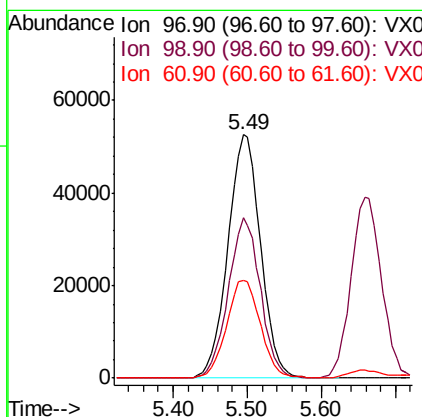
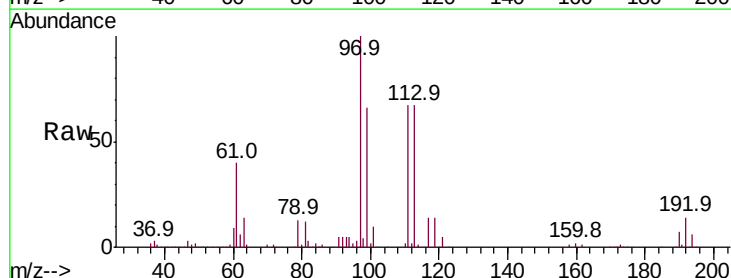
RT: 5.49 min Scan# 712

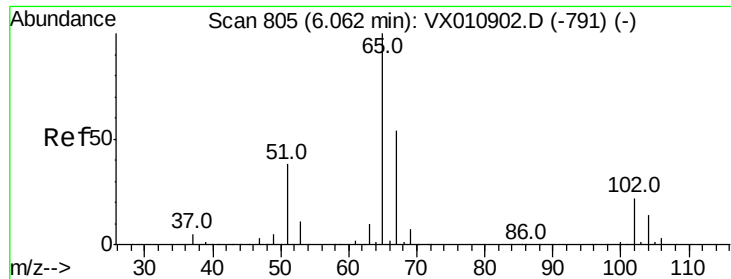
Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion:	97	Resp:	161288
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	41.6	33.0	49.6





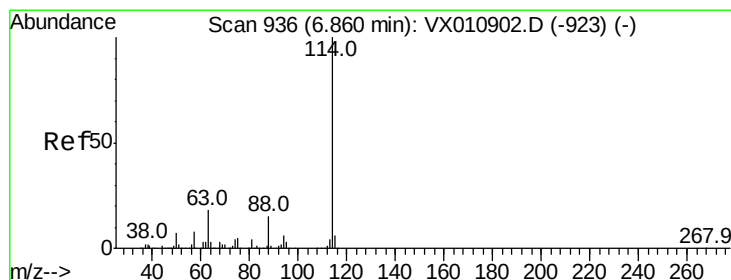
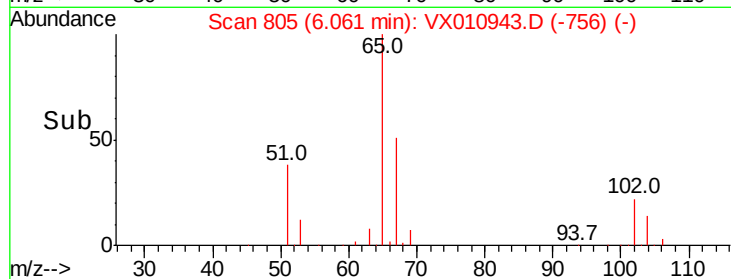
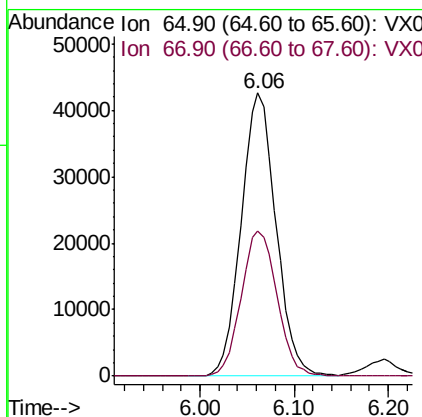
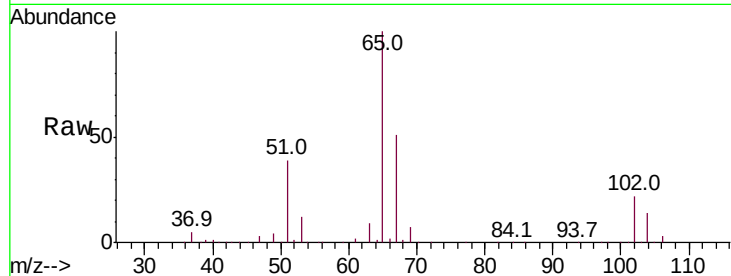
#33
 1,2-Dichloroethane-d4
 Concen: 48.008 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	107.8	

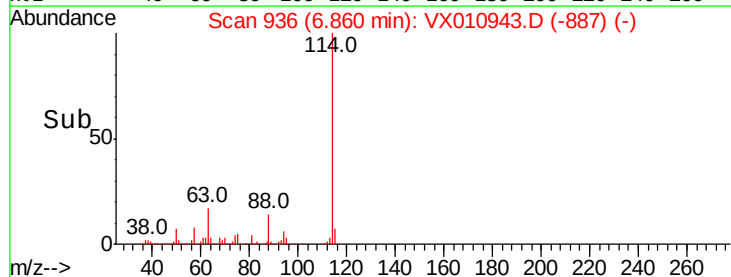
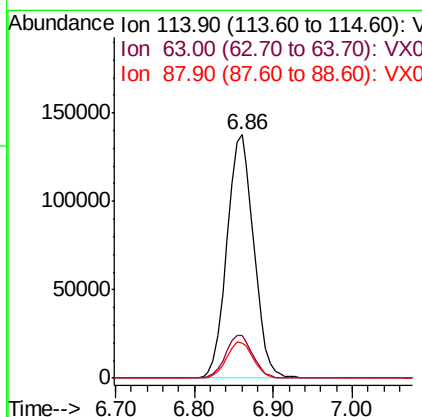
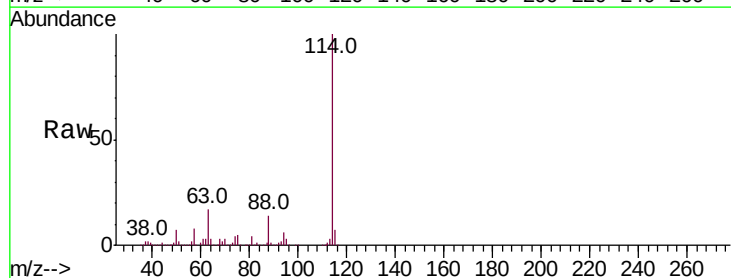
Manual Integrations
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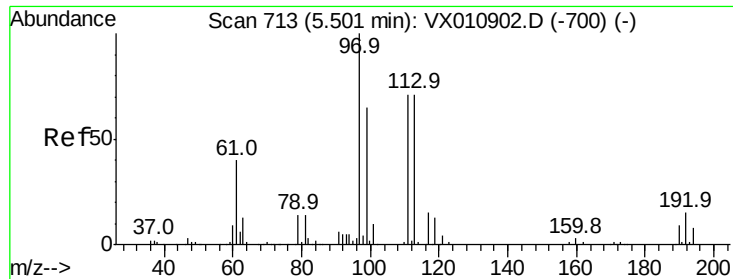
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.5	0.0	35.6	
88	14.4	0.0	29.8	





#35

Dibromofluoromethane

Concen: 48.946 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

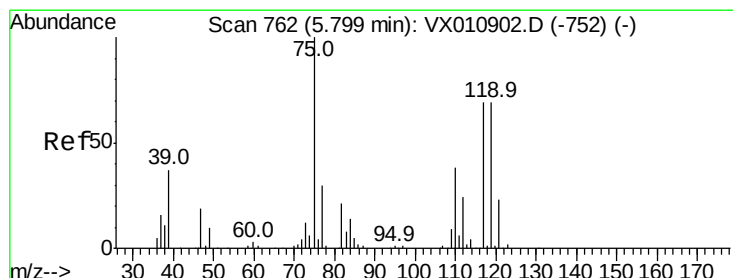
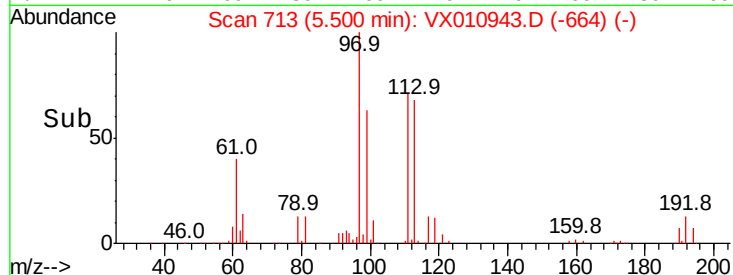
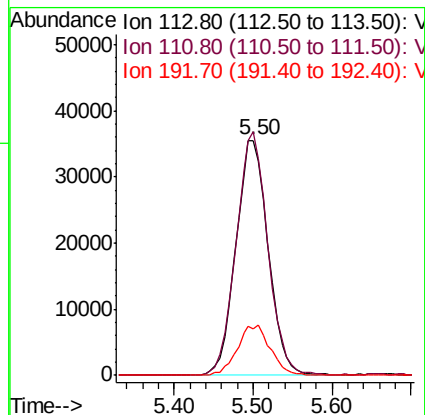
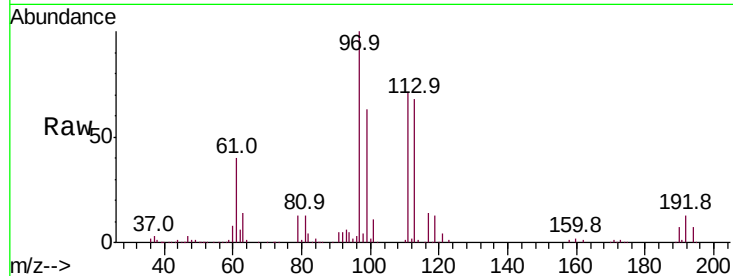
ClientSampleId :

SS050MW641-190716MSD

Tot Ion:	113	Resp:	101149
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.3	123.5
192	21.6	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 49.993 ug/l

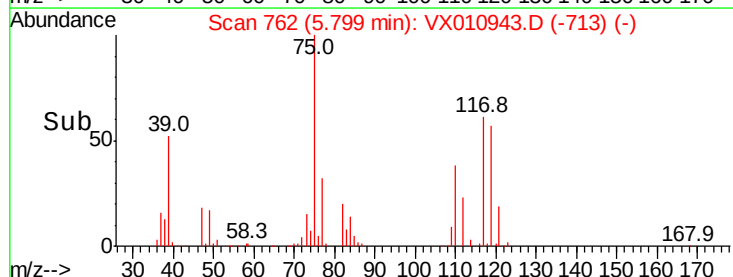
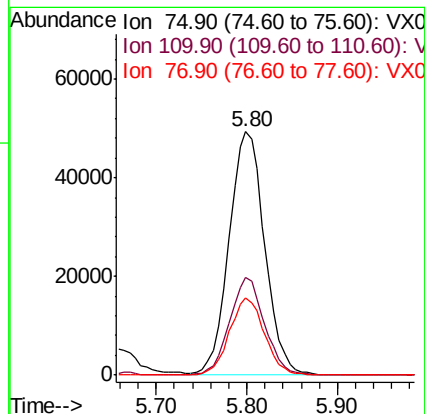
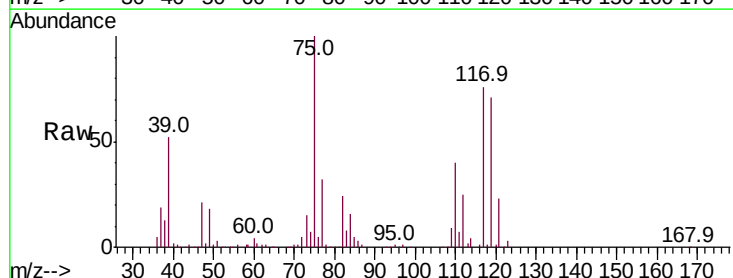
RT: 5.80 min Scan# 762

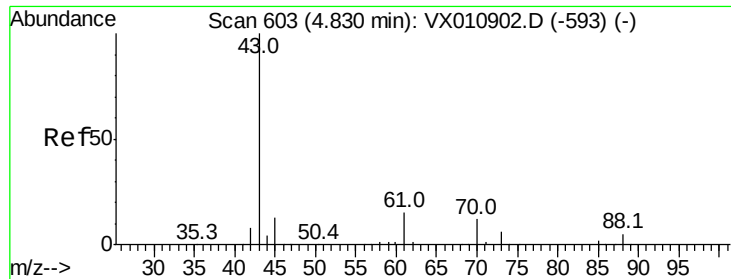
Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion:	75	Resp:	133699
Ion Ratio	Lower	Upper	
75	100		
110	39.4	19.9	59.7
77	30.8	25.0	37.4





#37

Ethyl Acetate

Concen: 52.148 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

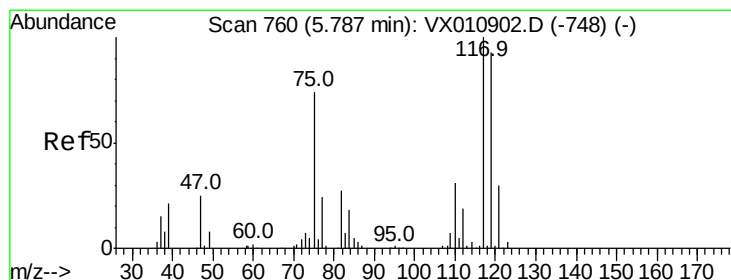
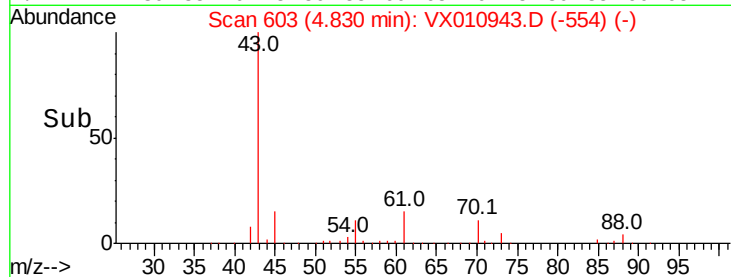
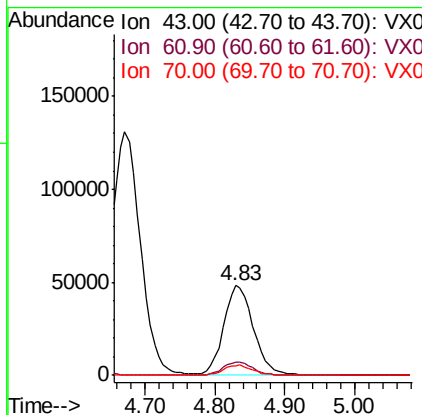
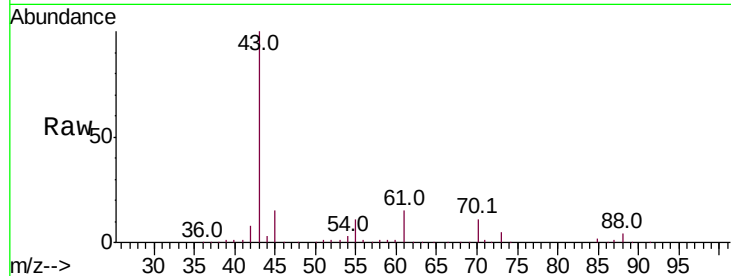
ClientSampleId :

SS050MW641-190716MSD

Tot Ion:	43	Resp:	142804
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.6	17.4
70	11.3	9.1	13.7

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#38

Carbon Tetrachloride

Concen: 51.310 ug/l

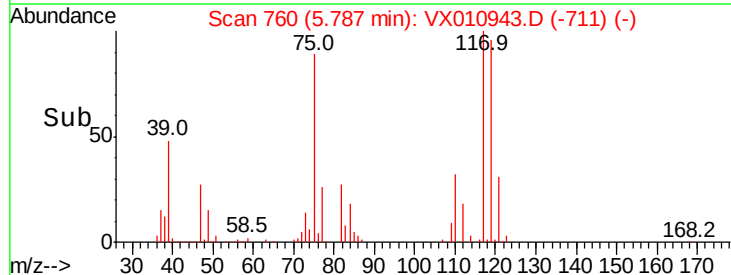
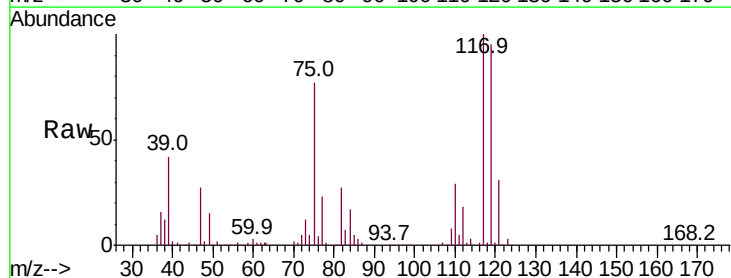
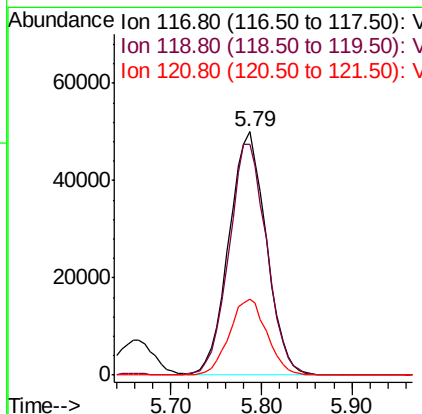
RT: 5.79 min Scan# 760

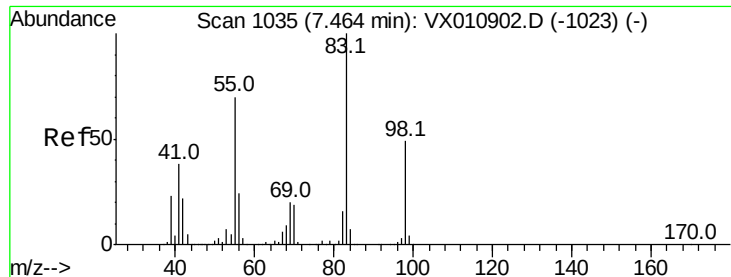
Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion:	117	Resp:	142989
Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.2	111.2
121	31.0	24.2	36.2





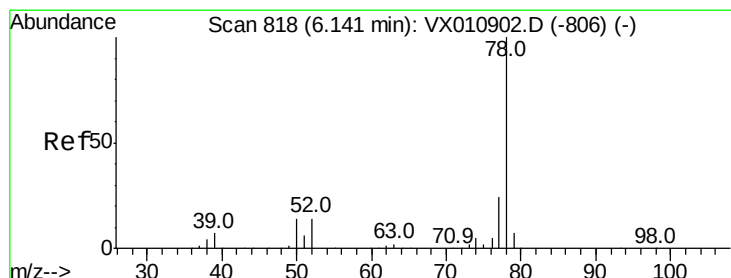
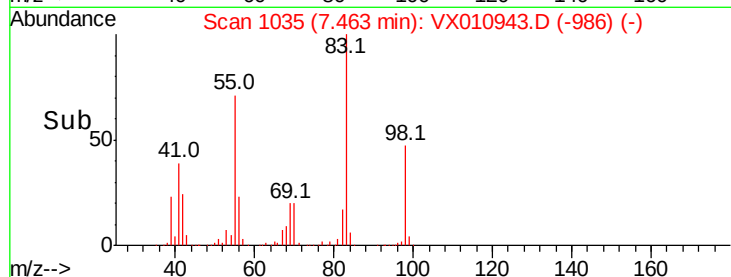
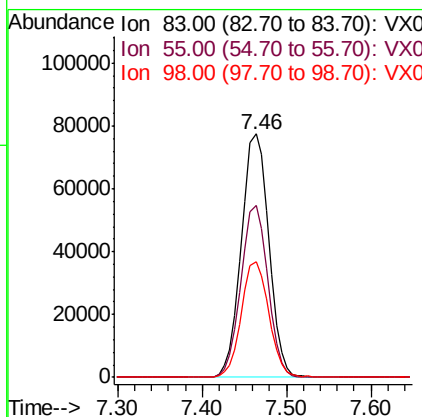
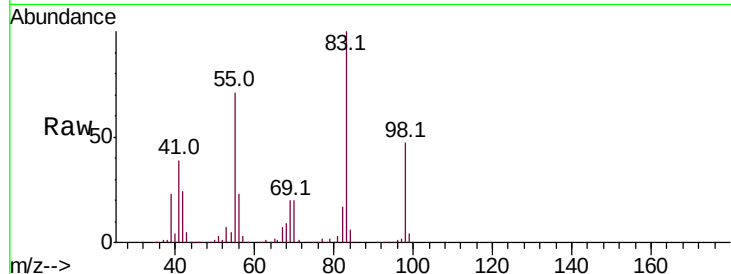
#39
Methylvlcyclohexane
Concen: 49.109 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	70.6	56.2	84.4	
98	47.3	39.0	58.4	

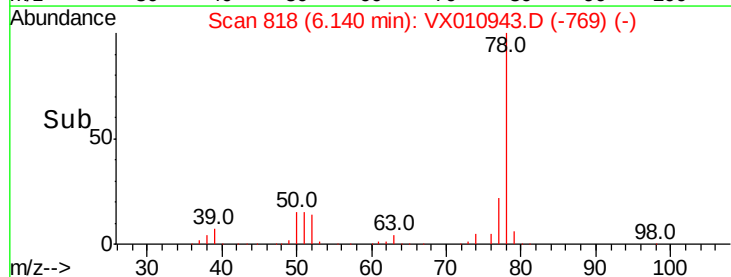
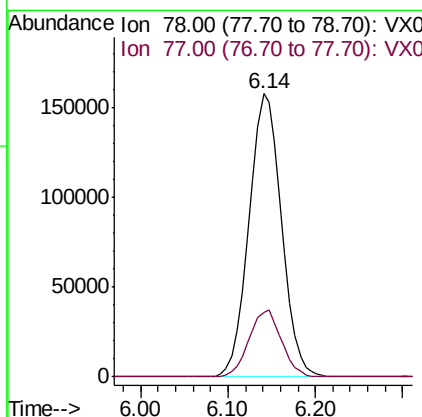
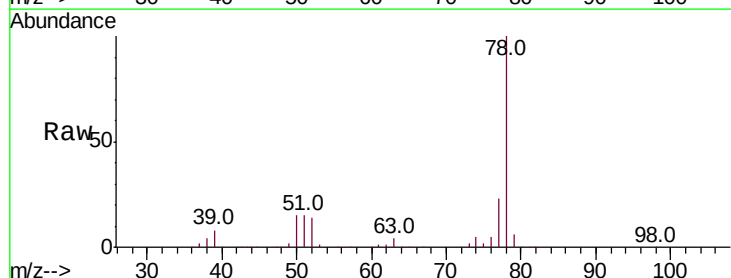
Manual Integrations
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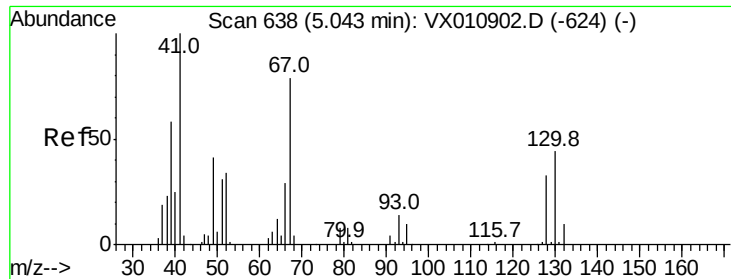
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#40
Benzene
Concen: 49.813 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.9	19.0	28.6	





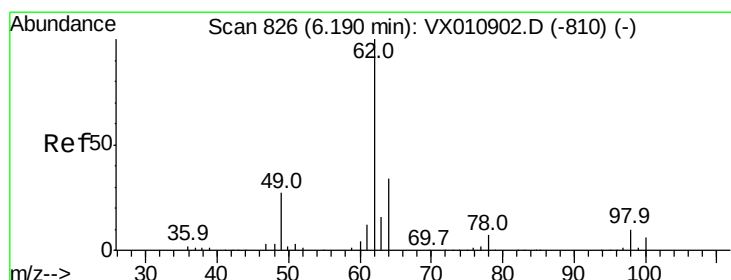
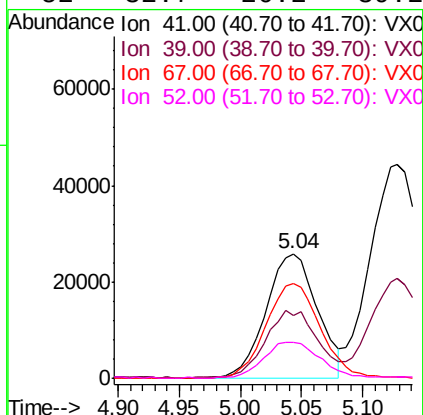
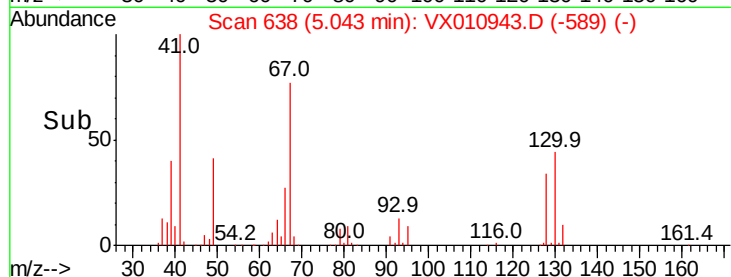
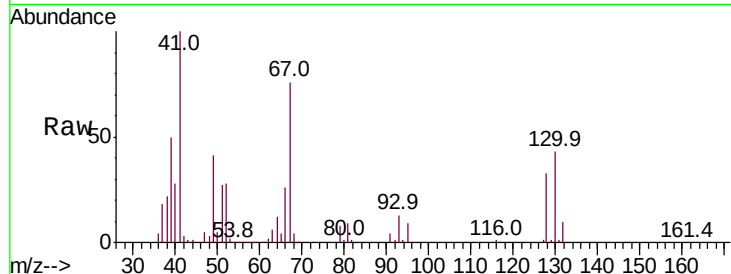
#41
Methacrylonitrile
Concen: 48.340 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.5	45.4	68.2
67	80.9	65.9	98.9
52	32.7	26.2	39.2

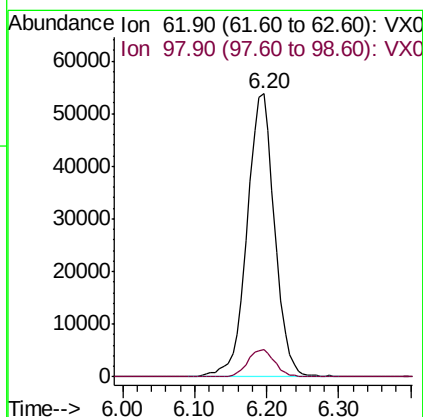
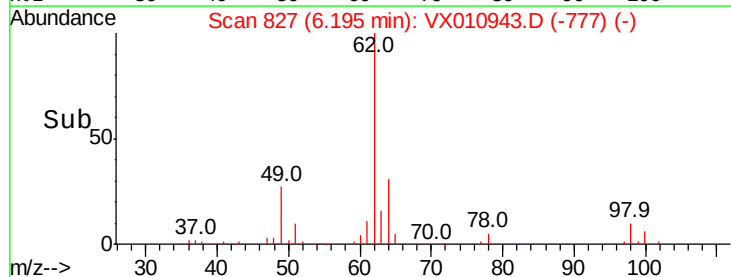
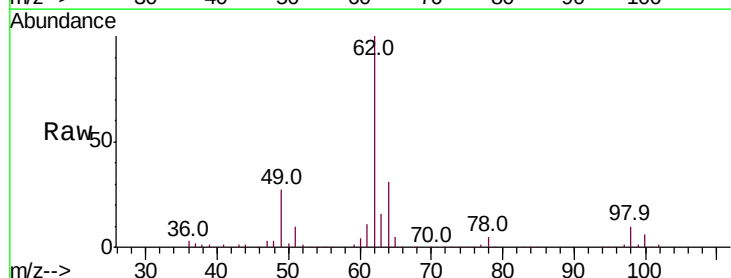
Manual Integrations
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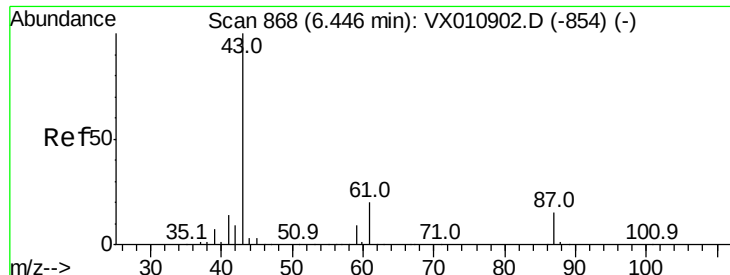
MMDadoda
7/22/2019 10:58:17 AM



#42
1,2-Dichloroethane
Concen: 49.889 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0





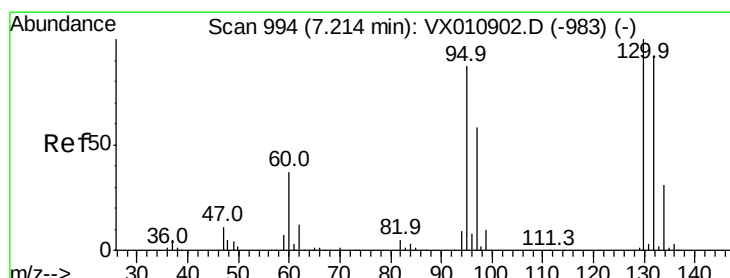
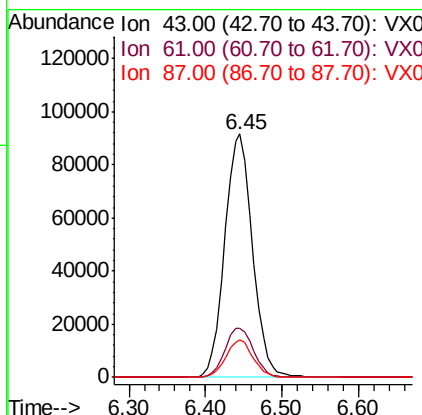
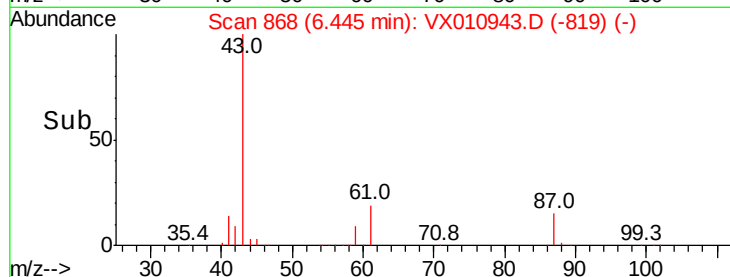
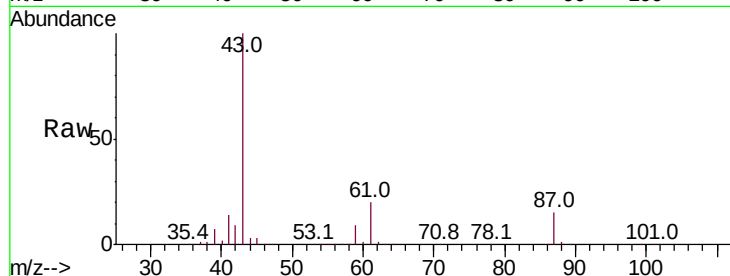
#43
Isopropyl Acetate
Concen: 50.700 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.1	25.7
87	15.1	12.0	18.0

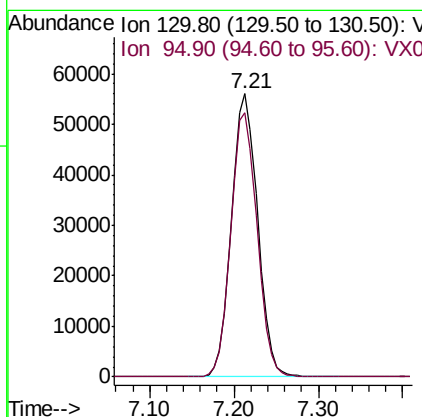
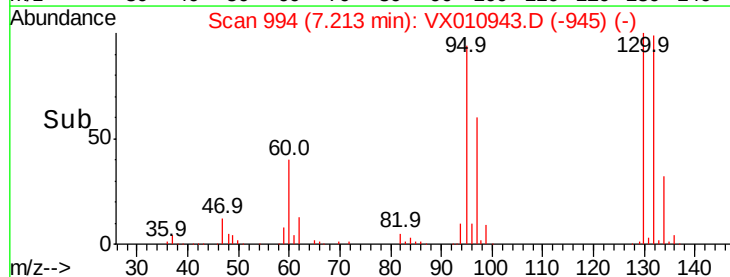
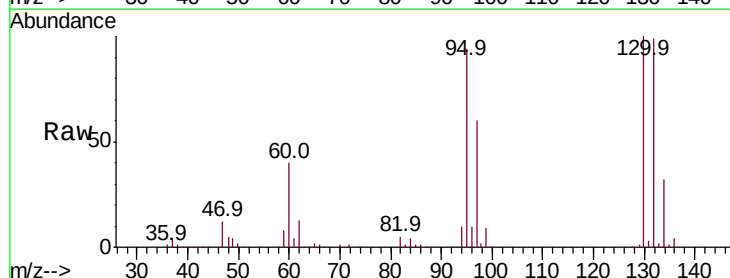
Manual Integrations
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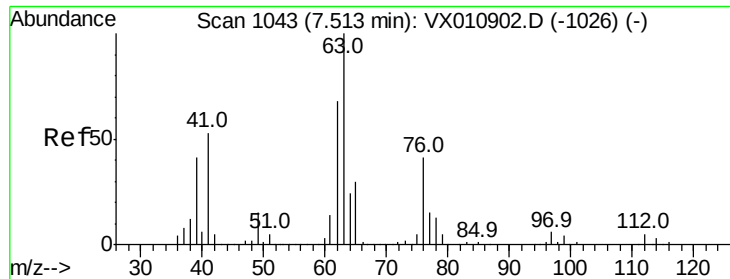
MMDadoda
7/22/2019 10:58:17 AM



#44
Trichloroethene
Concen: 48.519 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	174.8





#45

1,2-Dichloropropane

Concen: 49.887 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion: 63 Resp: 104017

Ion Ratio Lower Upper

63 100

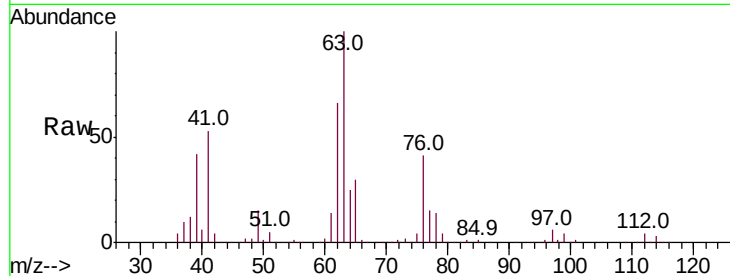
65 30.1 24.4 36.6

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

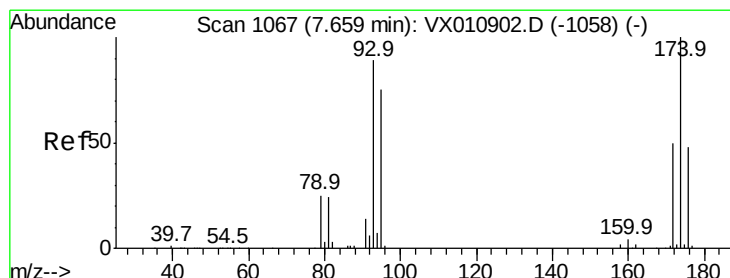
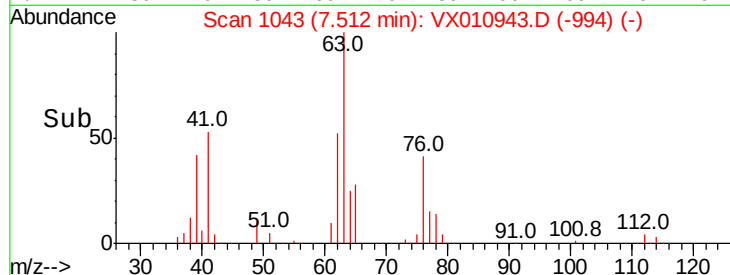
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 50.470 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

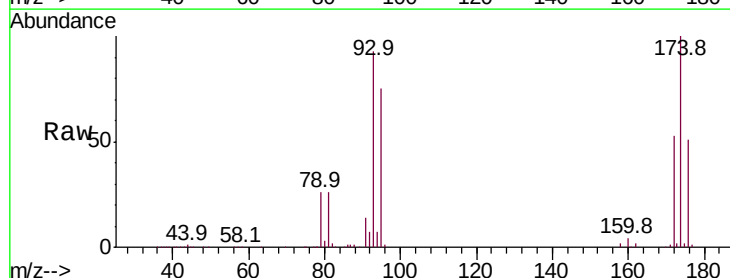
Tgt Ion: 93 Resp: 75196

Ion Ratio Lower Upper

93 100

95 83.2 67.2 100.8

174 112.2 90.6 135.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

50000

40000

30000

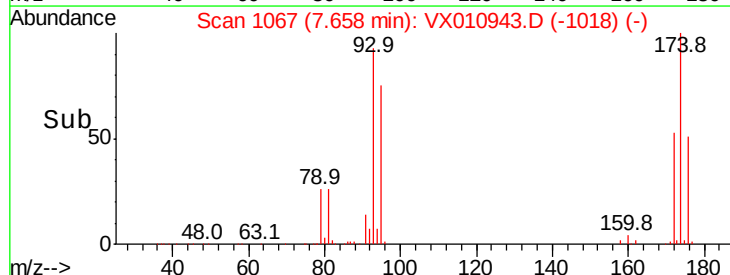
20000

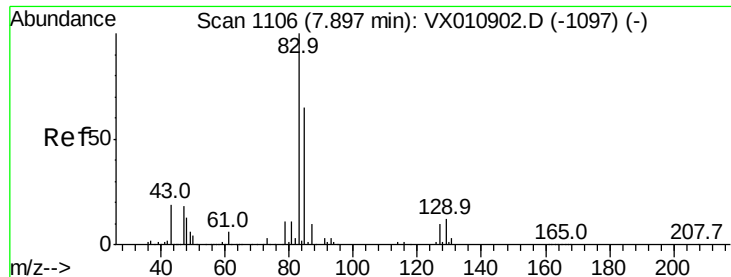
10000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 51.496 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

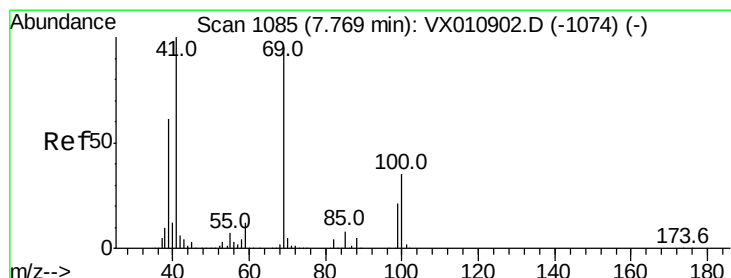
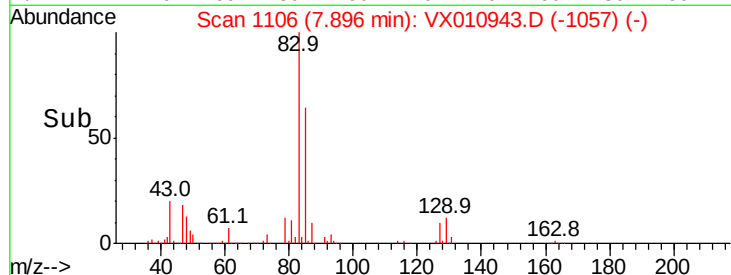
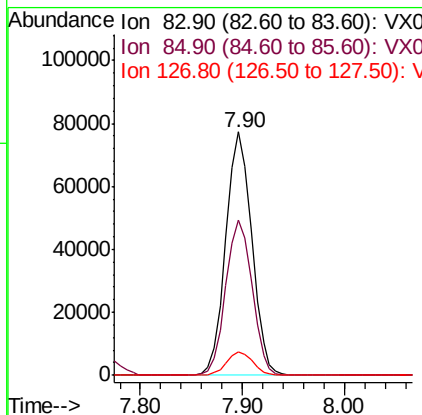
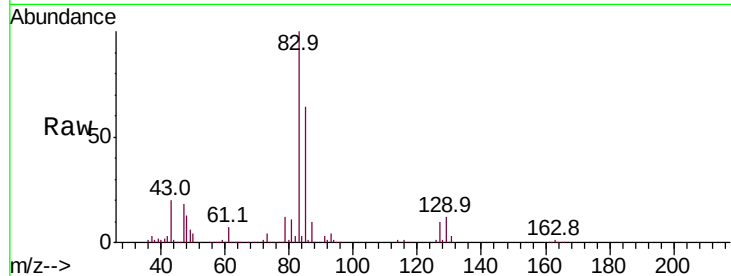
ClientSampleId :

SS050MW641-190716MSD

Tot Ion:	83	Resp:	136576
Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.5	78.7
127	9.8	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.220 ug/l

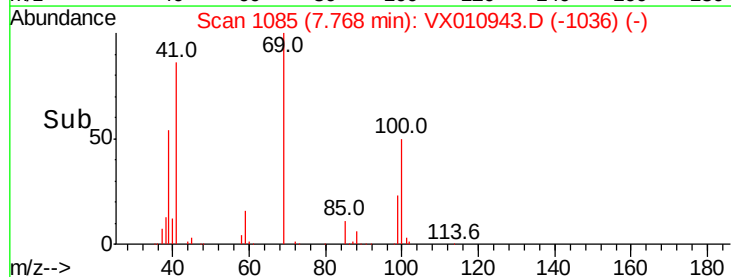
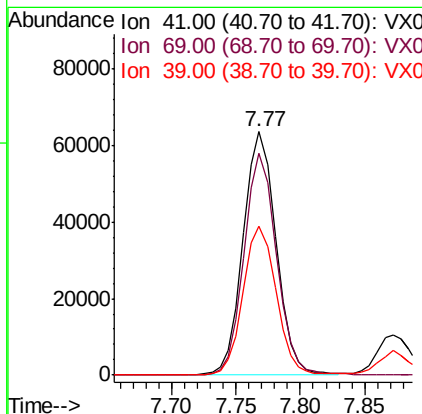
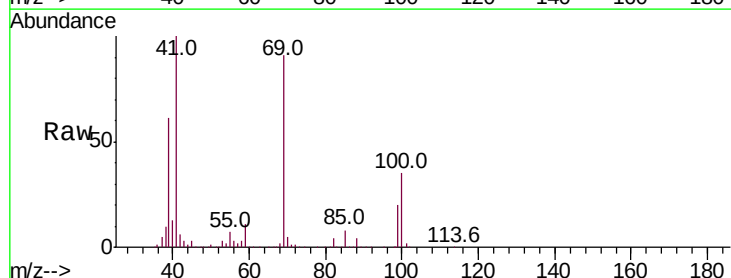
RT: 7.77 min Scan# 1085

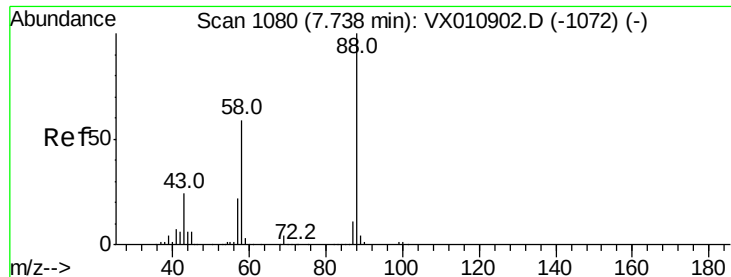
Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion:	41	Resp:	112355
Ion	Ratio	Lower	Upper
41	100		
69	90.2	74.4	111.6
39	61.5	48.9	73.3





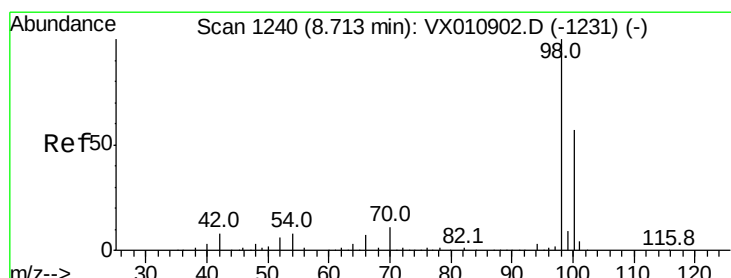
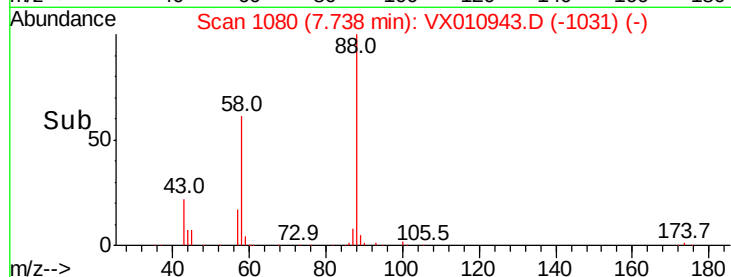
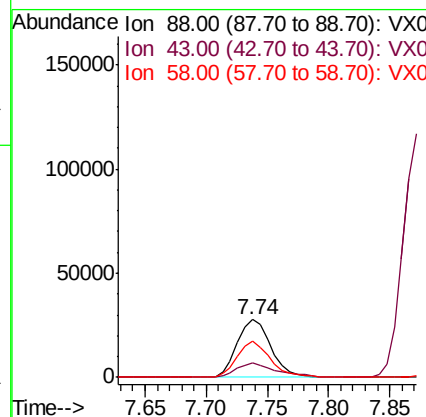
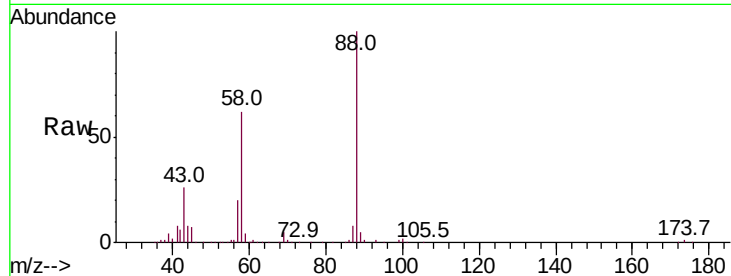
#49
1,4-Dioxane
Concen: 862.607 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	22.9	34.3
58	62.4	49.8	74.8

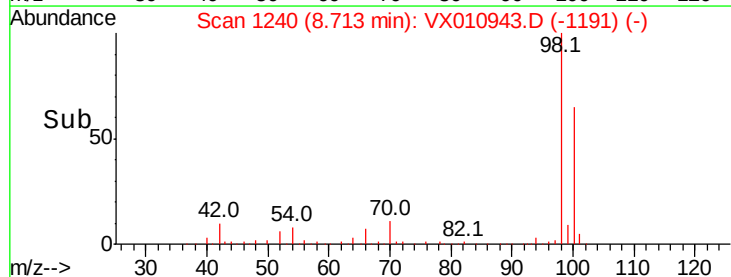
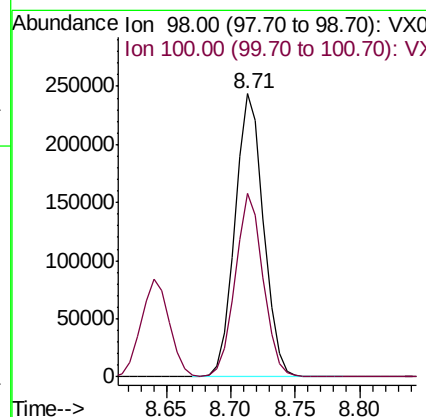
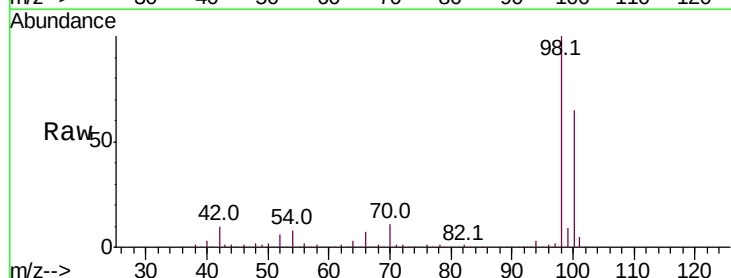
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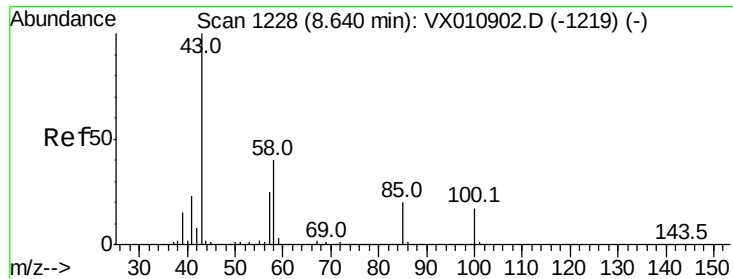
MMDadoda
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#50
Toluene-d8
Concen: 48.704 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 259.690 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion: 43 Resp: 758018

Ion Ratio Lower Upper

43 100

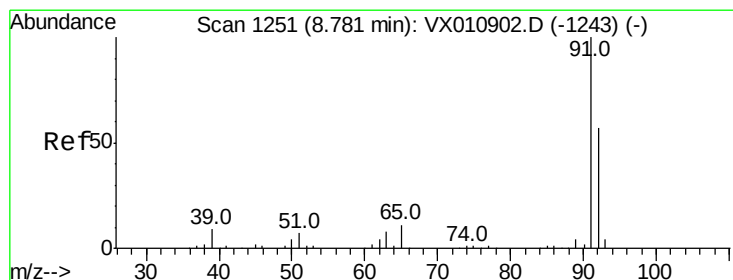
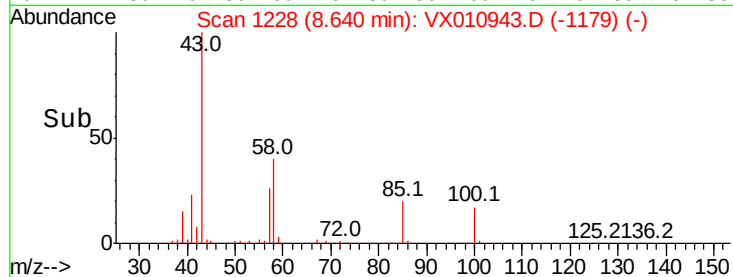
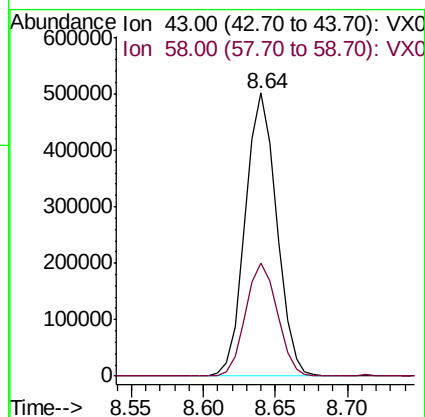
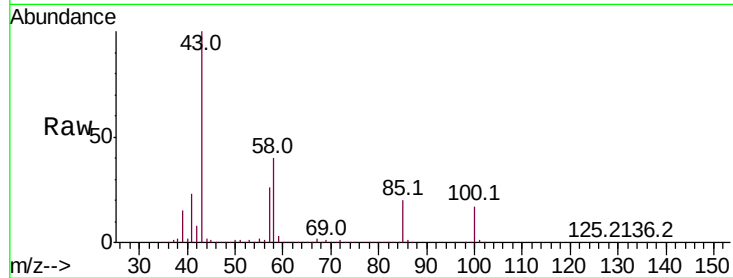
58 40.2 32.2 48.4

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#52

Toluene

Concen: 49.794 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010943.D

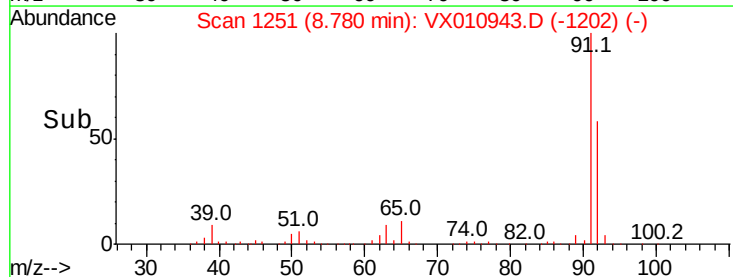
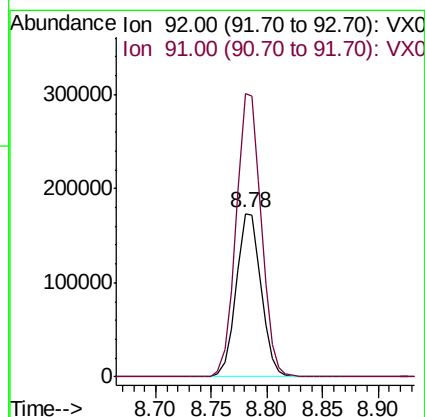
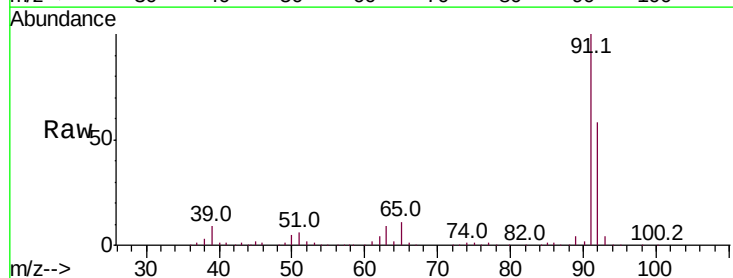
Acq: 17 Jul 2019 18:03

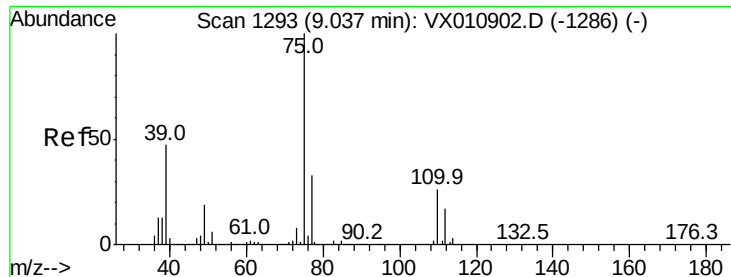
Tgt Ion: 92 Resp: 267971

Ion Ratio Lower Upper

92 100

91 175.0 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 52.353 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion: 75 Resp: 149296

Ion Ratio Lower Upper

75 100

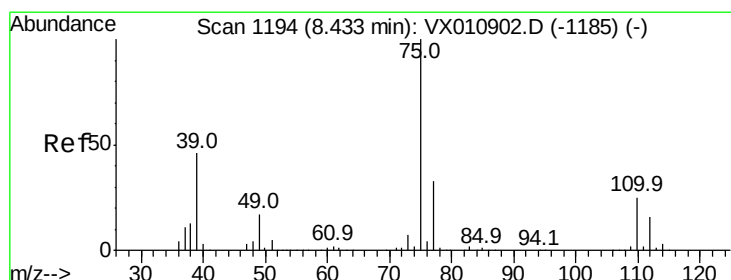
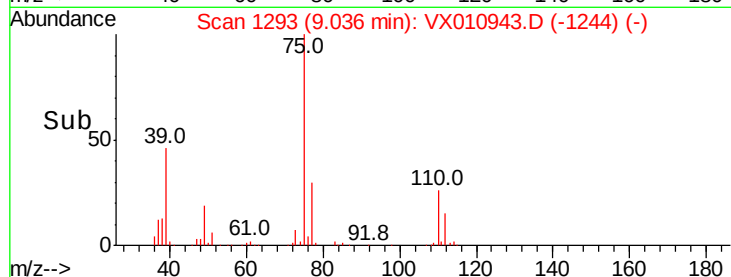
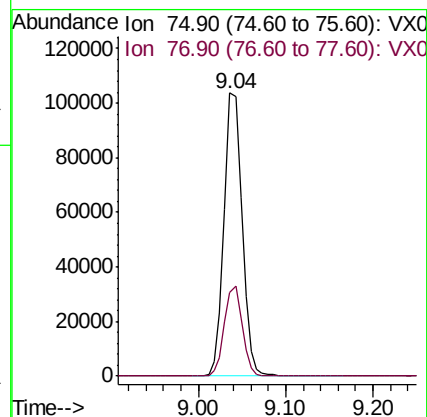
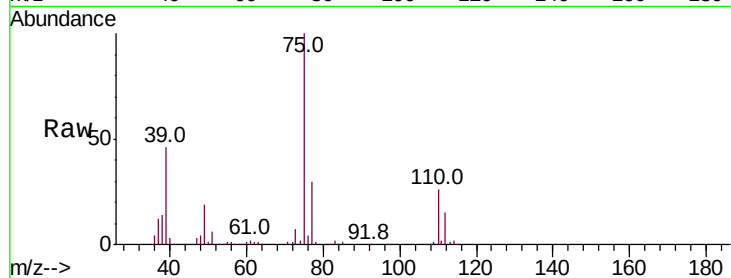
77 29.6 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 51.592 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

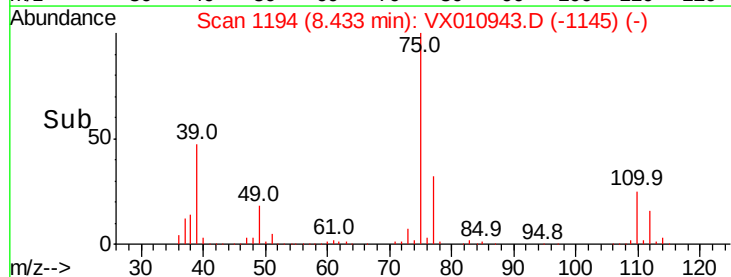
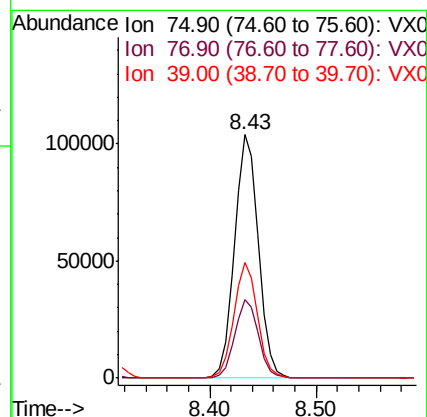
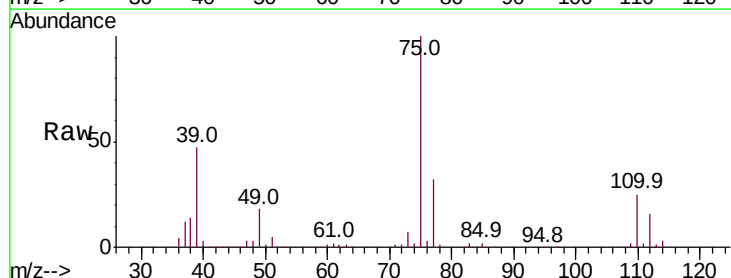
Tgt Ion: 75 Resp: 163712

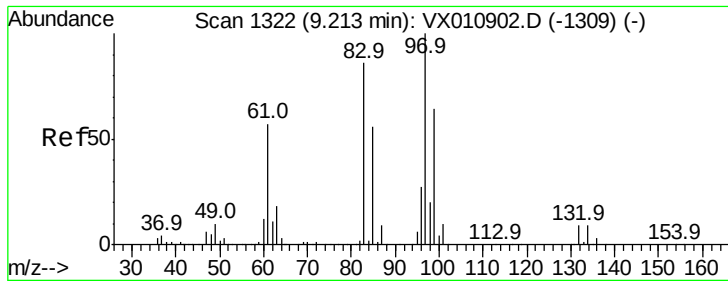
Ion Ratio Lower Upper

75 100

77 32.0 26.1 39.1

39 47.1 36.6 54.8





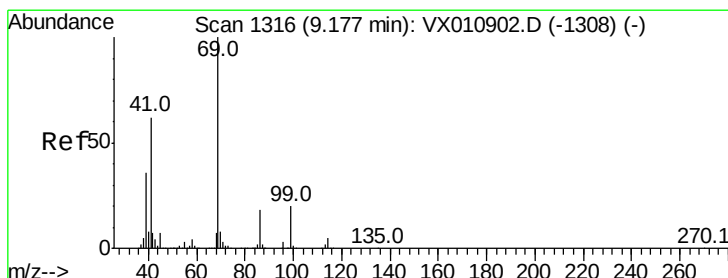
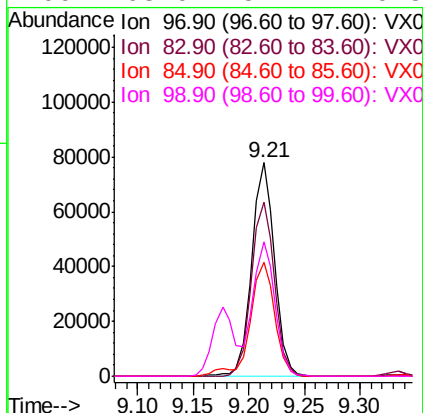
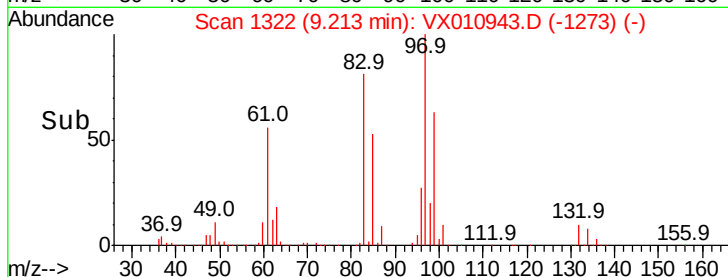
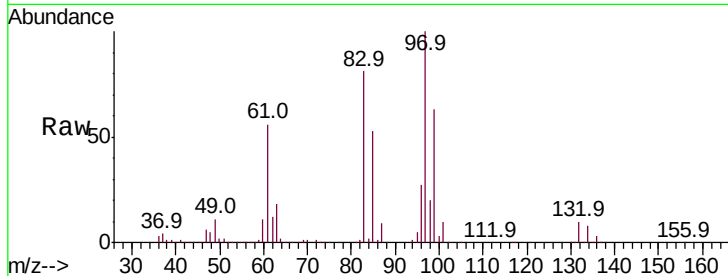
#55
 1,1,2-Trichloroethane
 Concen: 50.045 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		110893		
83	81.2	69.2	103.8		
85	53.3	44.6	66.8		
99	63.0	51.2	76.8		

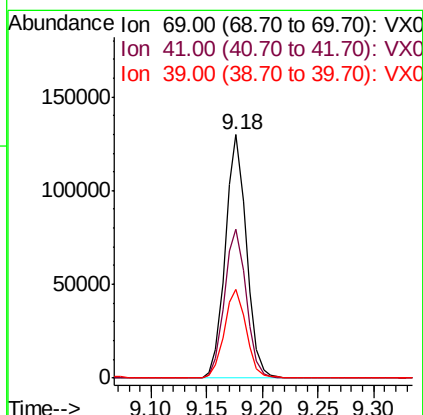
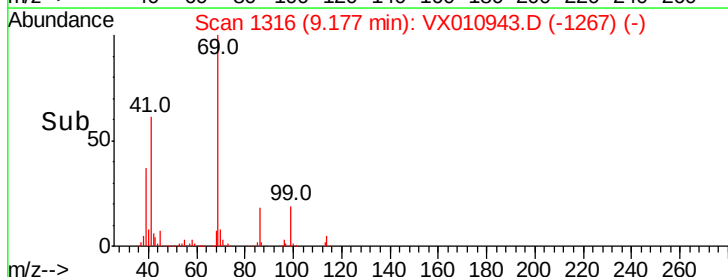
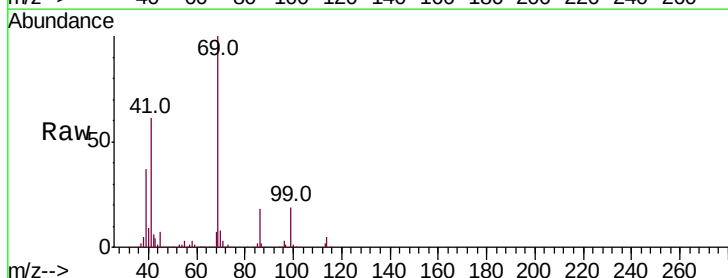
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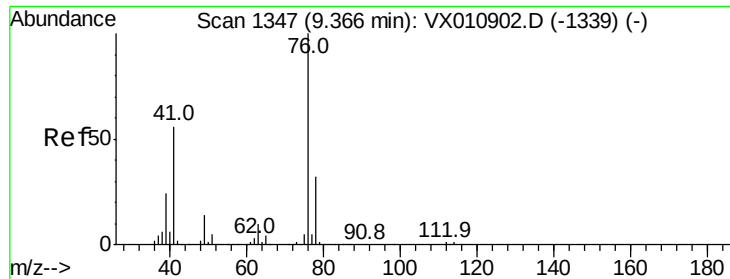
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#56
 Ethyl methacrylate
 Concen: 52.704 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		170830		
41	63.1	49.7	74.5		
39	37.8	29.6	44.4		





#57

1,3-Dichloropropane

Concen: 49.925 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X

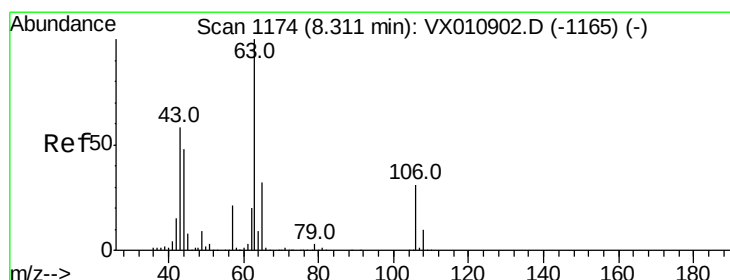
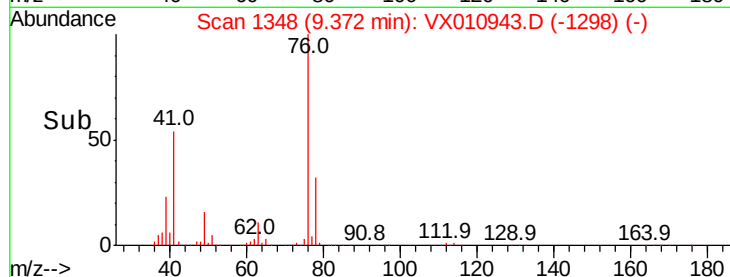
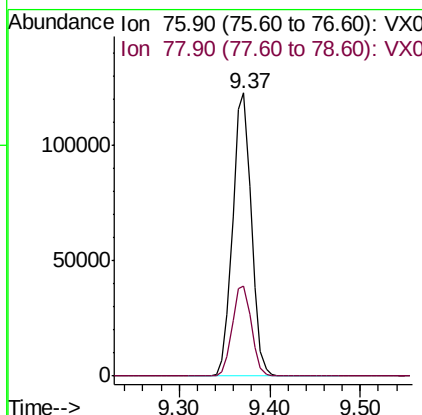
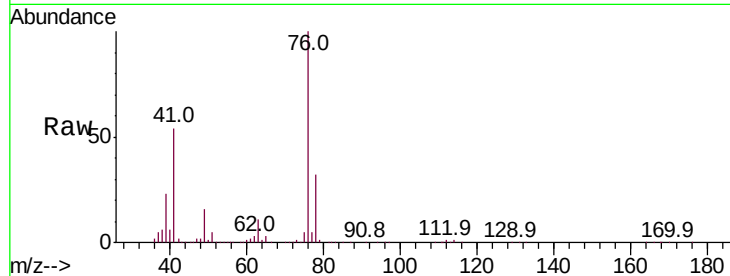
ClientSampleId :
SS050MW641-190716MSD

Tot Ion: 76 Resp: 175497

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.6	38.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 258.785 ug/l

RT: 8.31 min Scan# 1174

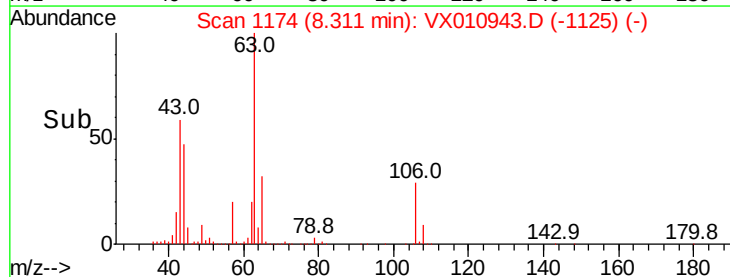
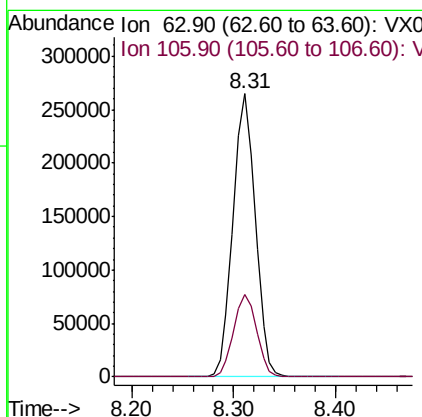
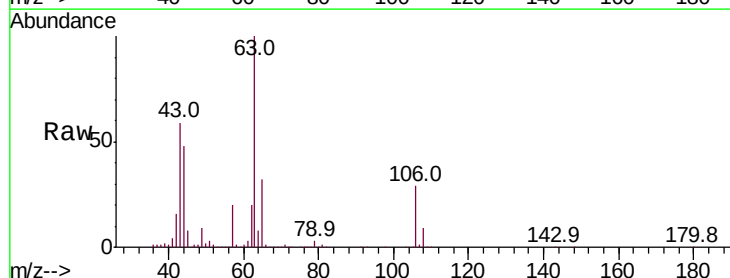
Delta R.T. -0.00 min

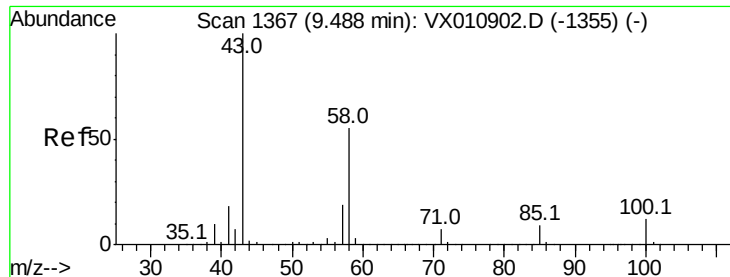
Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion: 63 Resp: 400409

Ion	Ratio	Lower	Upper
63	100		
106	30.0	24.0	36.0





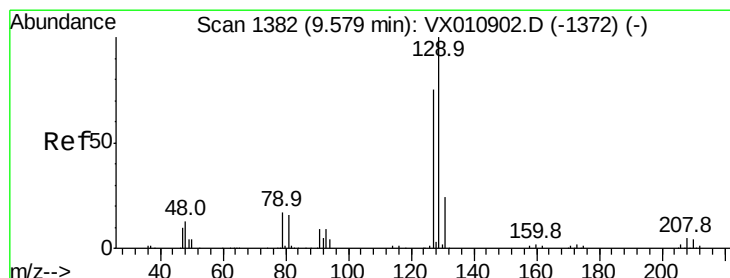
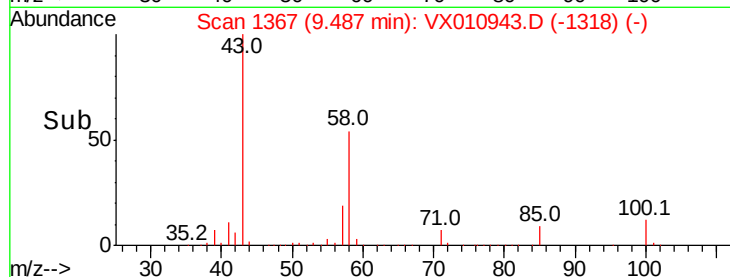
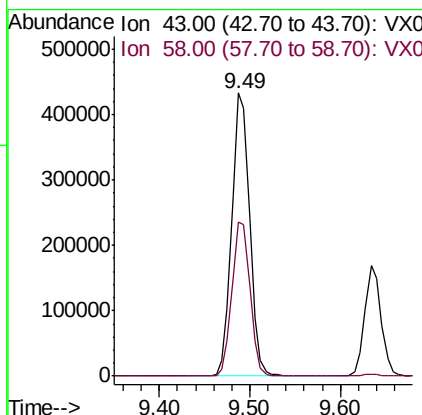
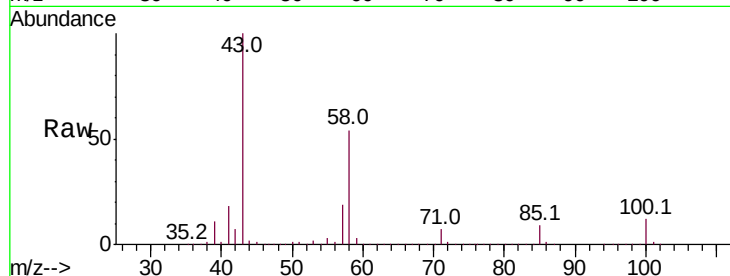
#59
2-Hexanone
Concen: 262.288 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion: 43 Resp: 593813
Ion Ratio Lower Upper
43 100
58 55.4 28.0 83.9

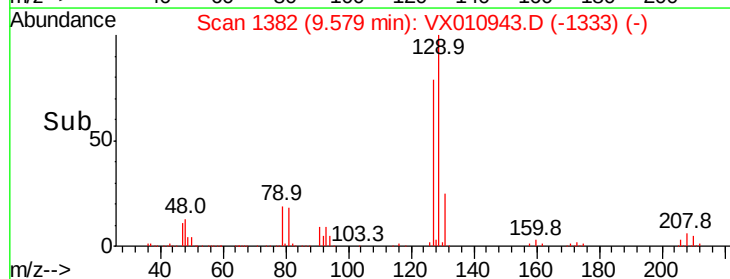
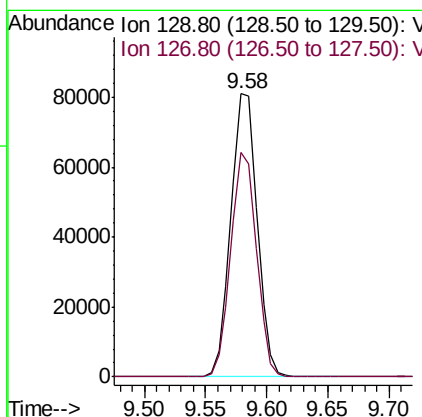
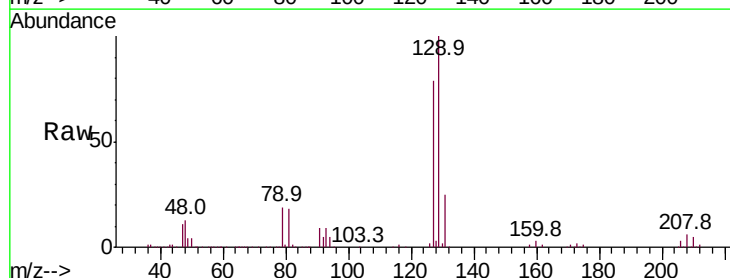
Manual Integrations
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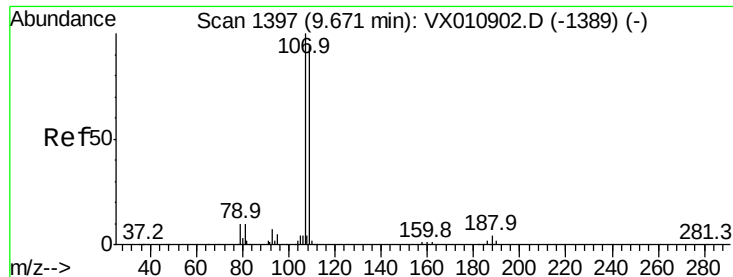
MMDadoda
7/22/2019 10:58:17 AM



#60
Dibromochloromethane
Concen: 47.397 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion: 129 Resp: 120519
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





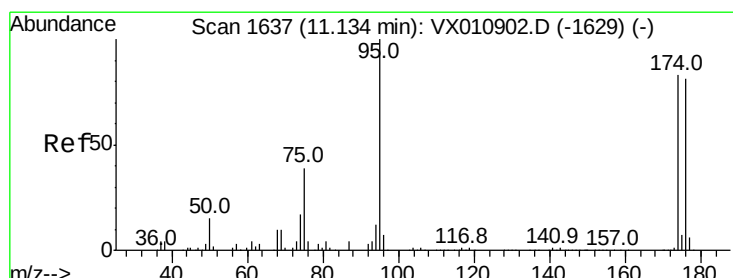
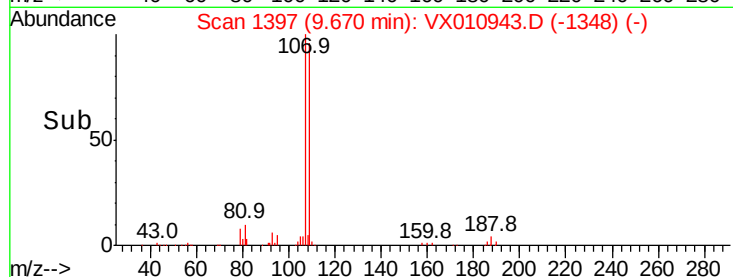
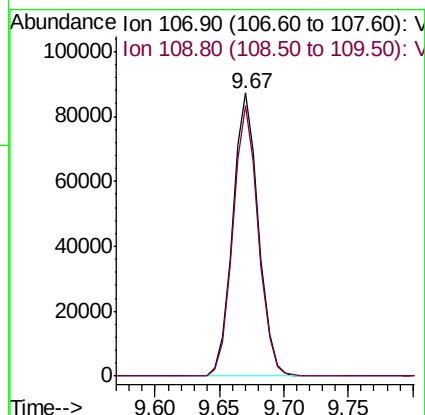
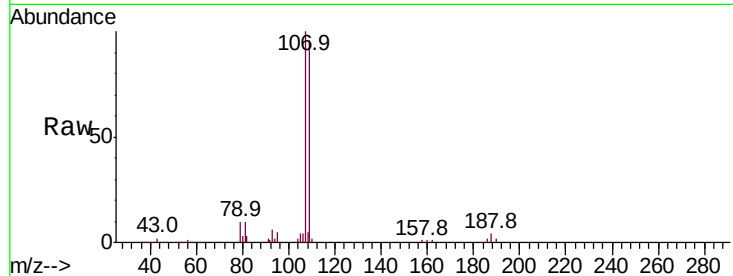
#61
 1,2-Dibromoethane
 Concen: 51.553 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	121233		
109	94.5	75.4	113.0	

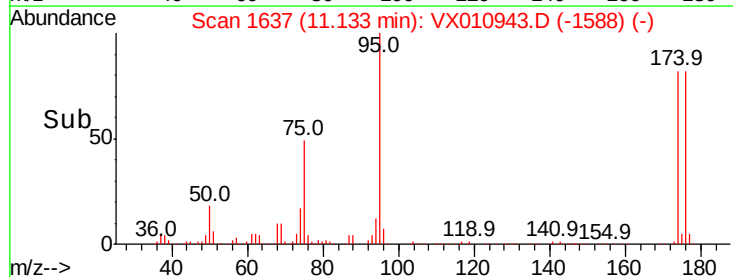
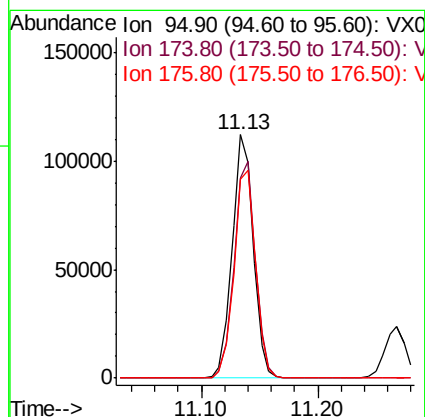
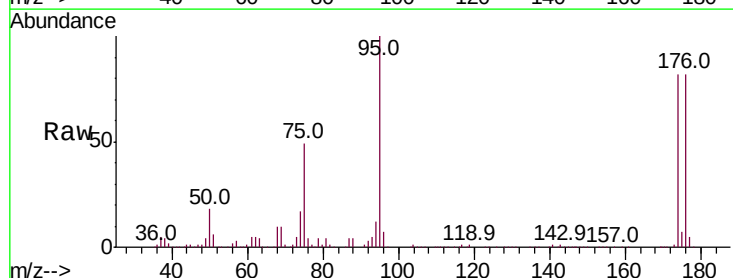
Manual Integrations
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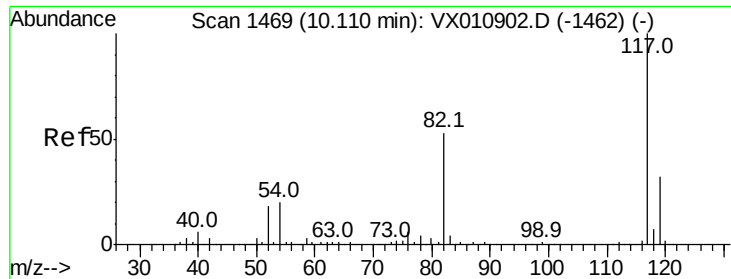
MMDadoda
 7/22/2019 10:58:17 AM



#62
 4-Bromofluorobenzene
 Concen: 49.650 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	141451		
174	90.1	0.0	180.6	
176	87.7	0.0	173.8	





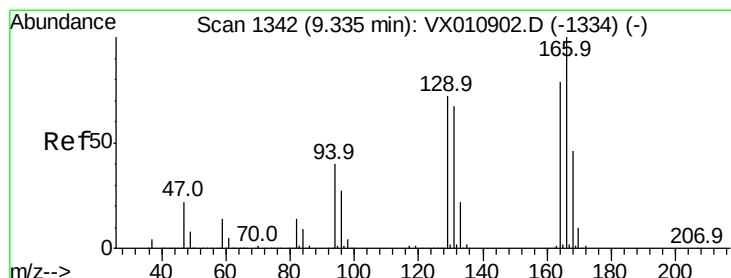
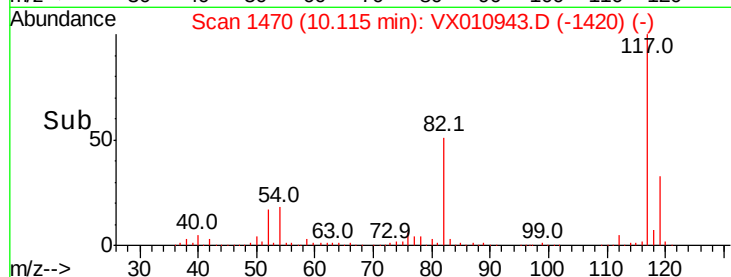
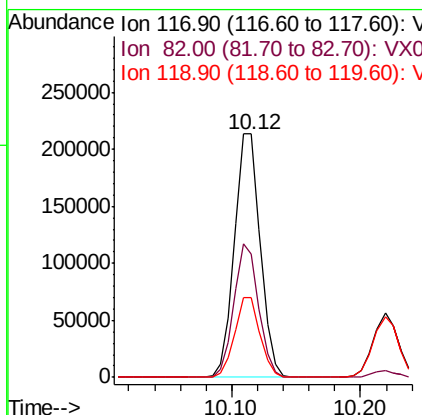
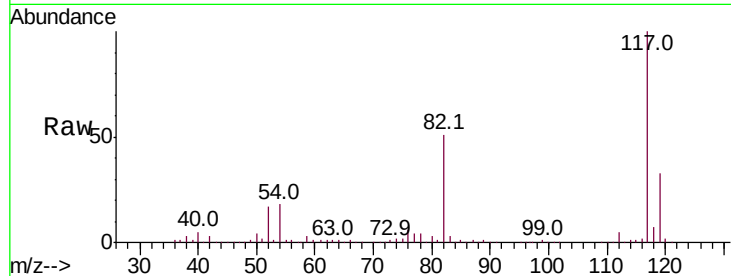
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	299879		
82	50.8	42.6	63.8	
119	32.5	25.9	38.9	

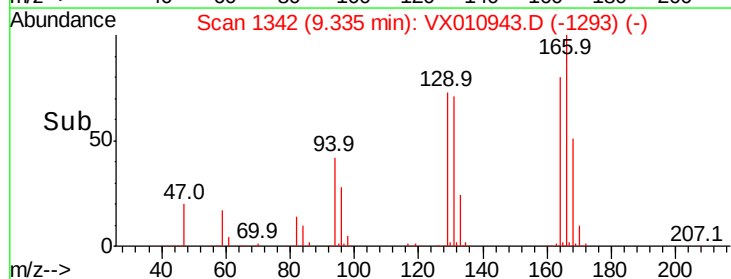
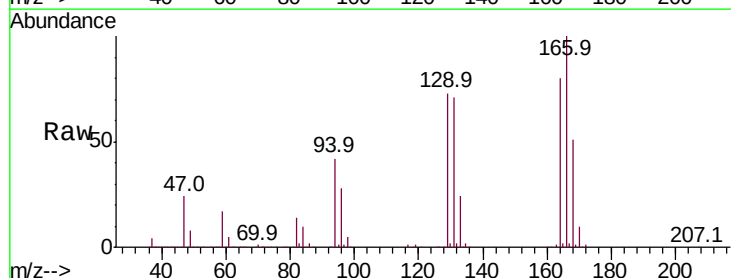
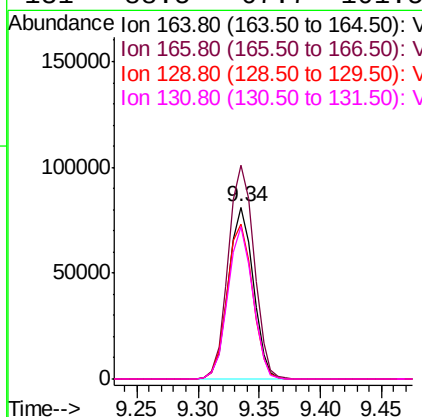
Manual Integrations
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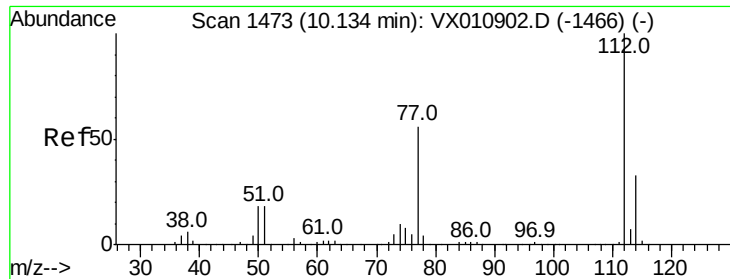
MMDadoda
7/22/2019 10:58:17 AM



#64
Tetrachloroethene
Concen: 48.190 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113684		
166	124.4	100.8	151.2	
129	90.4	72.6	109.0	
131	88.5	67.7	101.5	





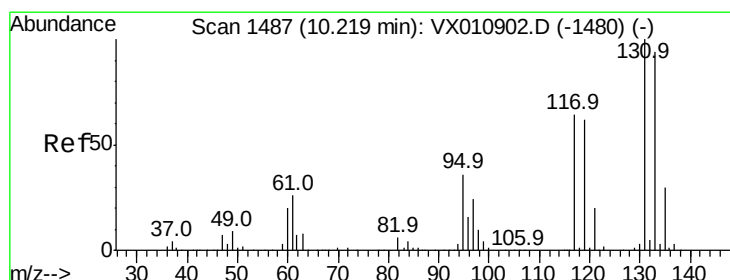
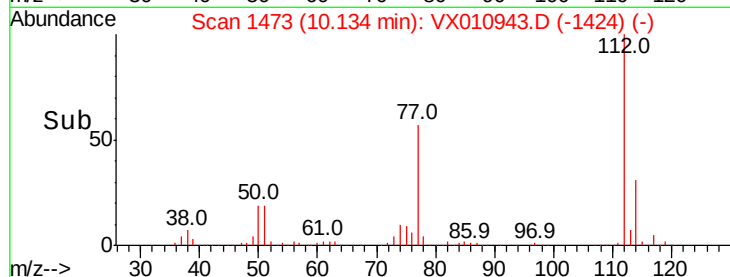
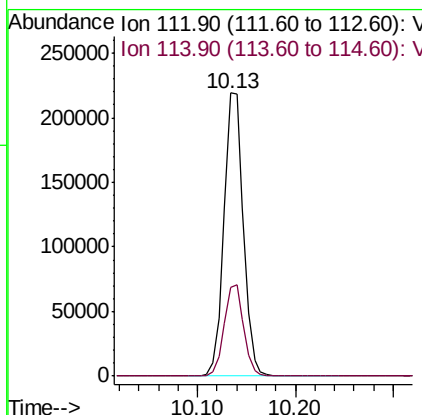
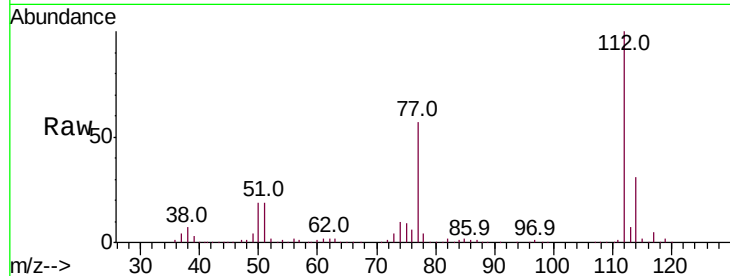
#65
Chlorobenzene
Concen: 48.856 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion:112 Resp: 300914
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4

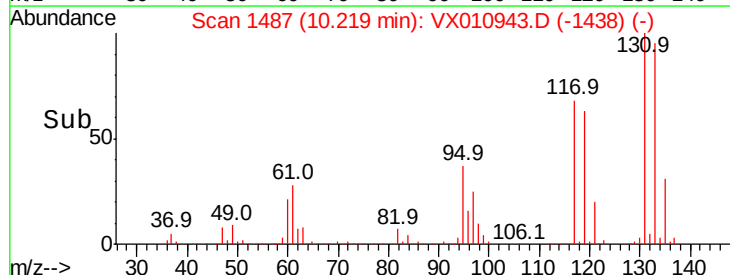
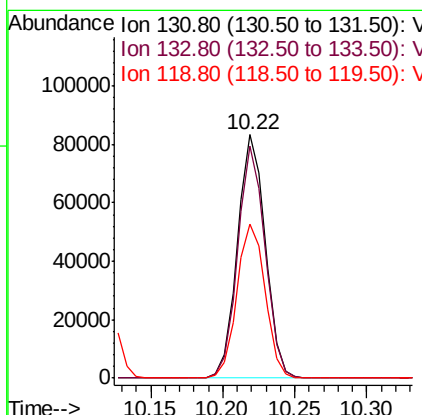
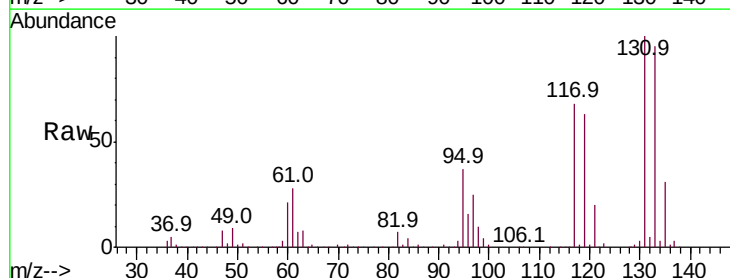
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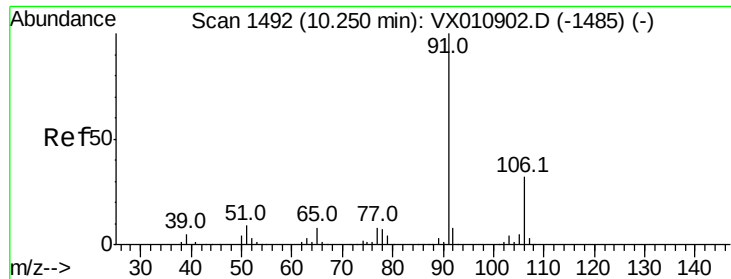
MMDadoda
7/22/2019 10:58:17 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.586 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion:131 Resp: 111668
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 64.6 31.9 95.7





#67

Ethyl Benzene

Concen: 50.271 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion: 91 Resp: 527036

Ion Ratio Lower Upper

91 100

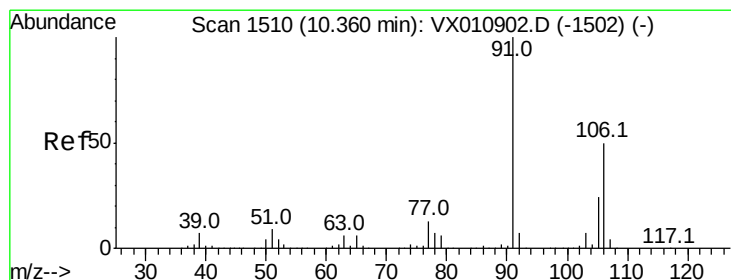
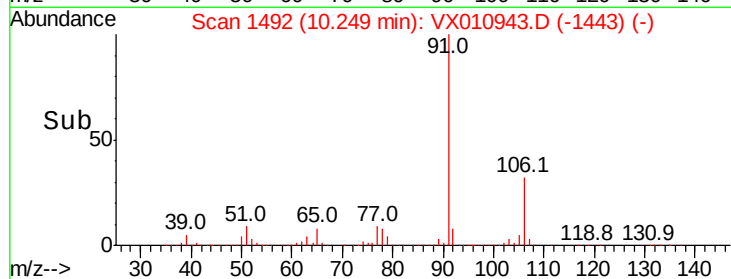
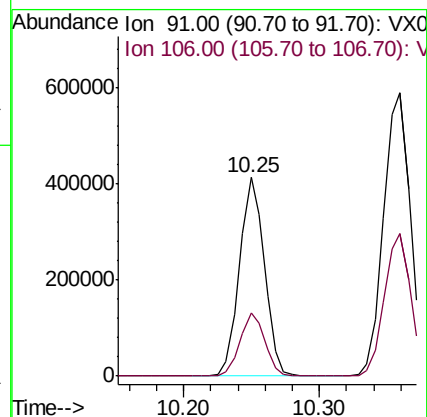
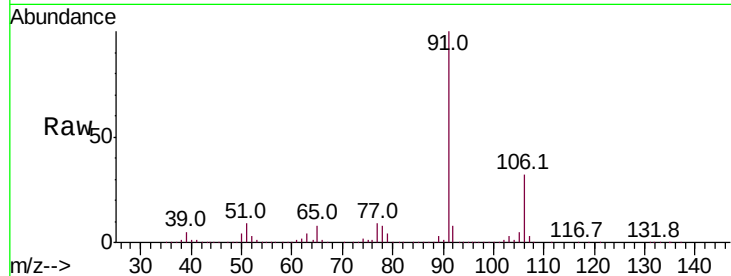
106 32.1 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.989 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010943.D

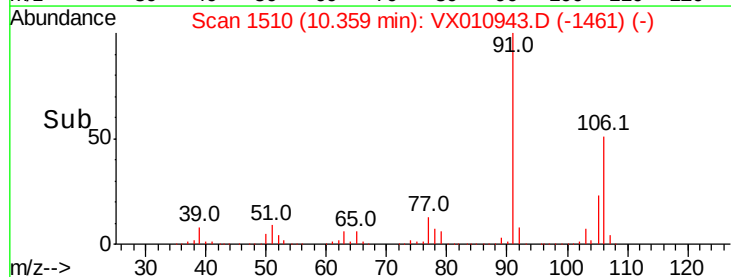
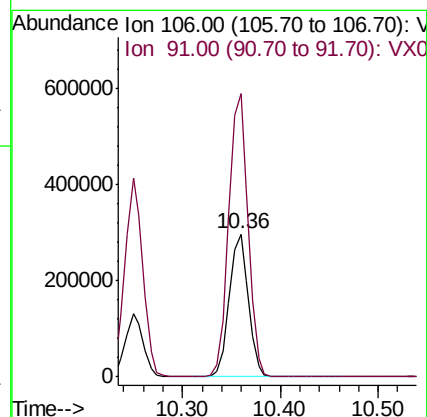
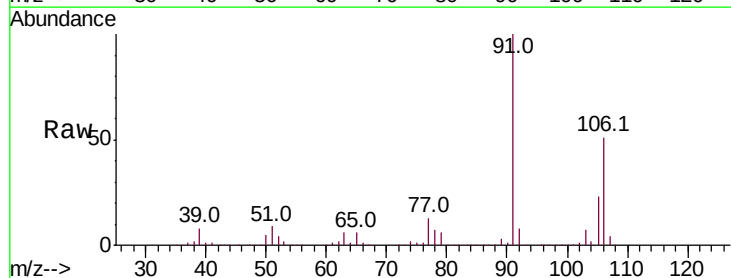
Acq: 17 Jul 2019 18:03

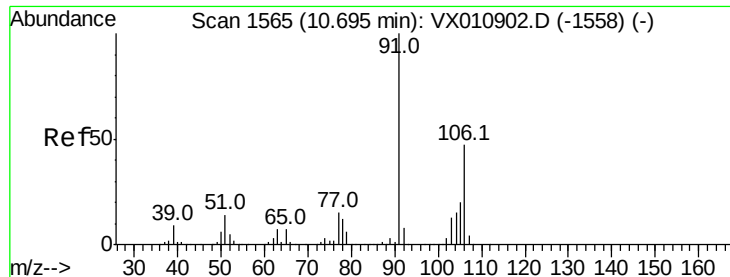
Tgt Ion: 106 Resp: 402105

Ion Ratio Lower Upper

106 100

91 200.7 160.1 240.1





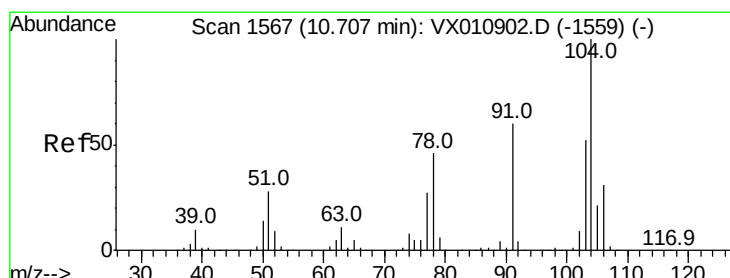
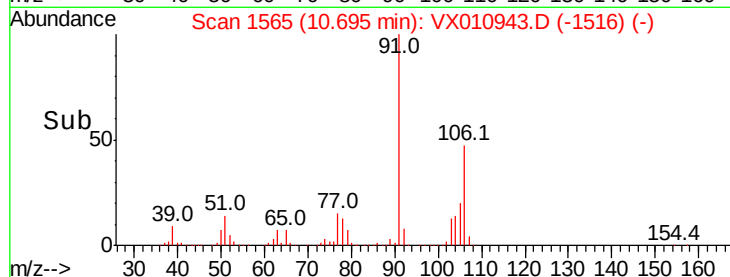
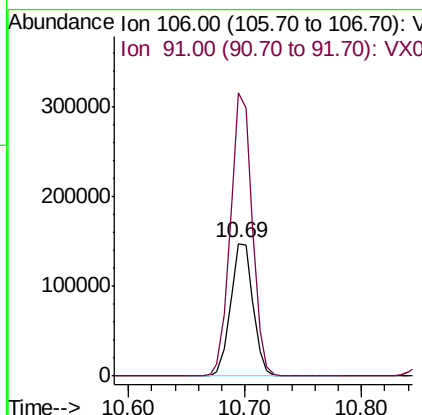
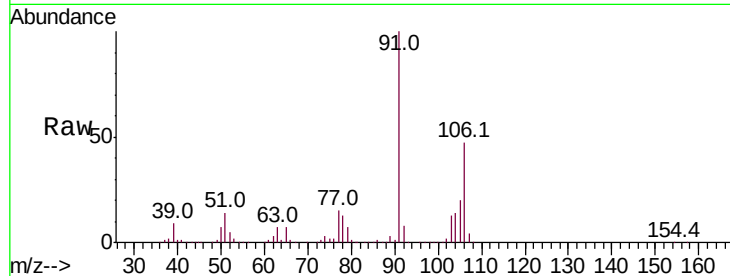
#69
o-Xylene
Concen: 50.374 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion:106 Resp: 197709
Ion Ratio Lower Upper
106 100
91 208.7 105.1 315.3

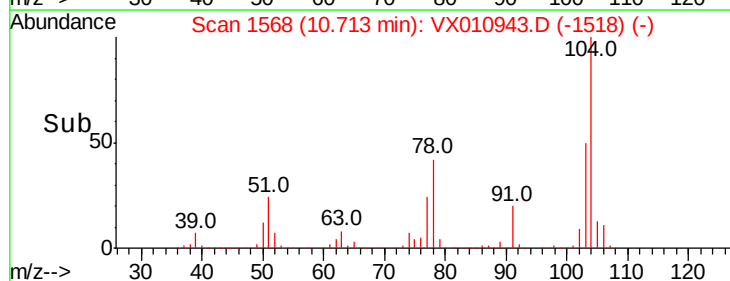
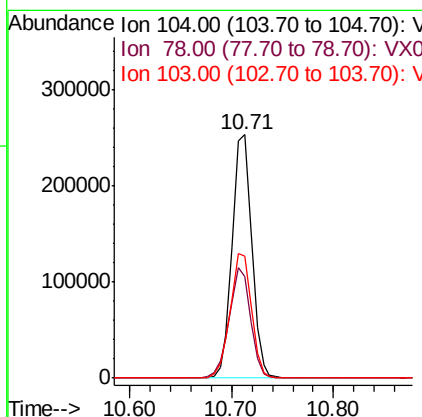
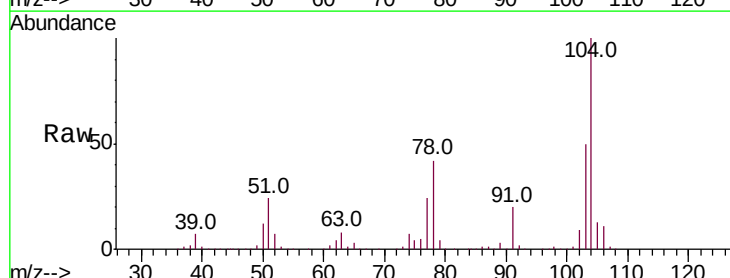
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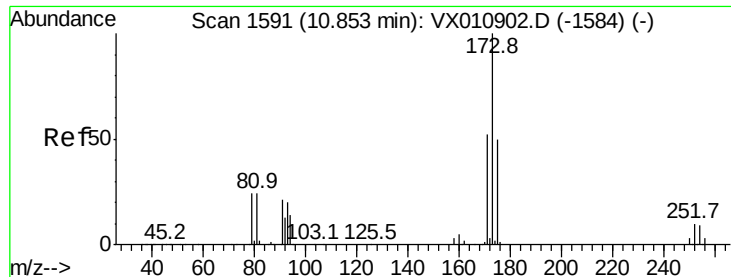
MMDadoda
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#70
Styrene
Concen: 51.473 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion:104 Resp: 336769
Ion Ratio Lower Upper
104 100
78 48.9 38.8 58.2
103 55.4 44.2 66.4





#71

Bromoform

Concen: 46.566 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion:173 Resp: 91418

Ion Ratio Lower Upper

173 100

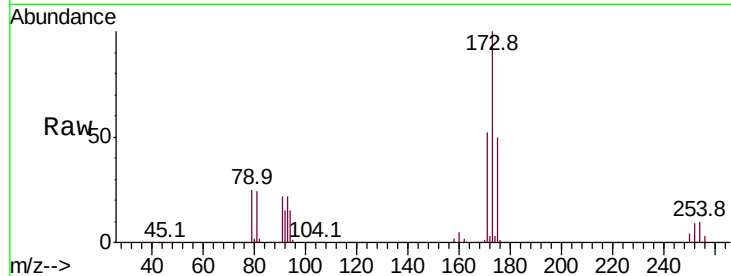
175 49.2 24.6 73.6

254 0.1 0.1 0.1#

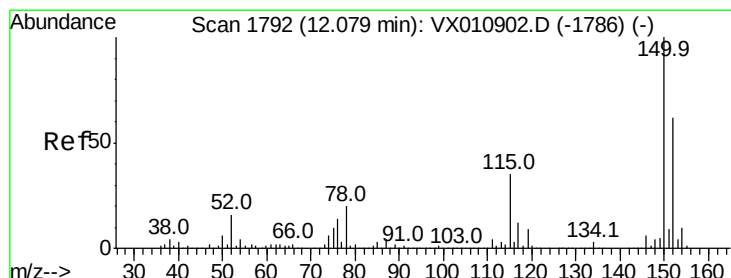
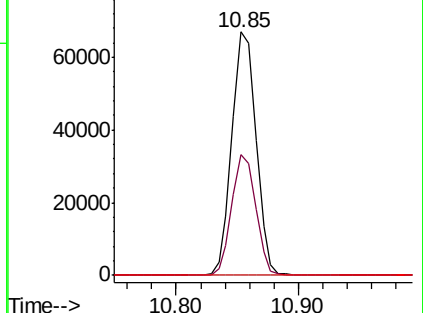
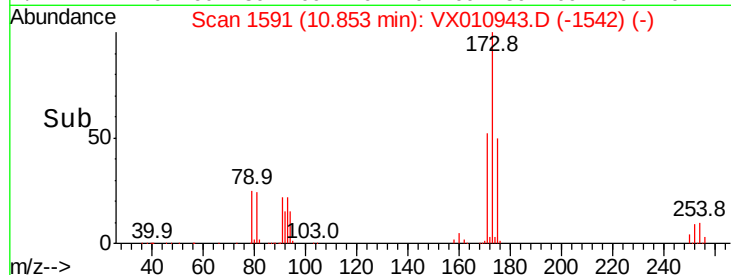
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

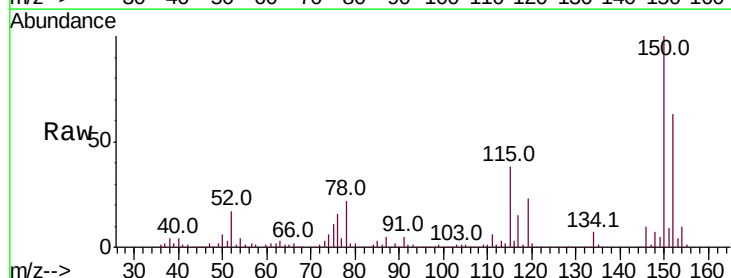
Tgt Ion:152 Resp: 158207

Ion Ratio Lower Upper

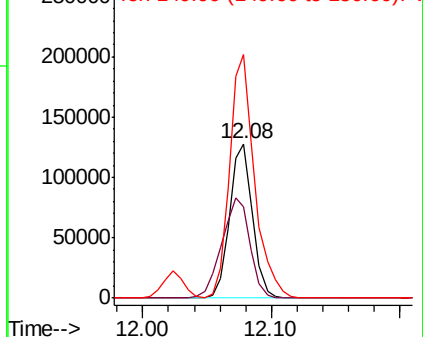
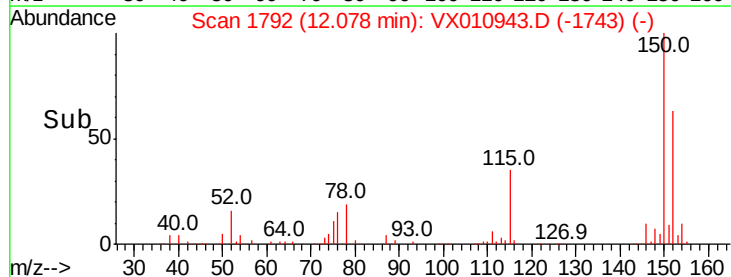
152 100

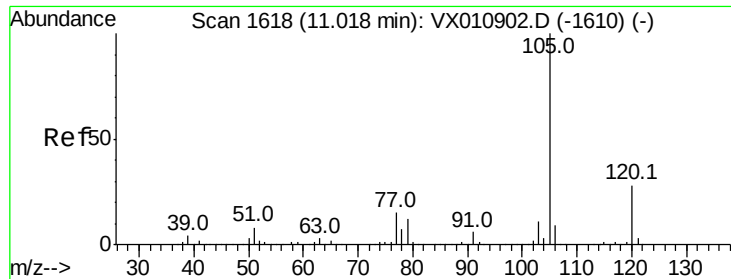
115 80.6 39.7 119.1

150 172.7 0.0 345.6



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: 49.641 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion:105 Resp: 530664

Ion Ratio Lower Upper

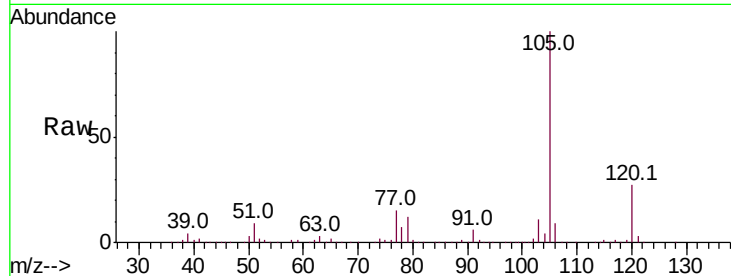
105 100

120 27.1 13.7 41.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

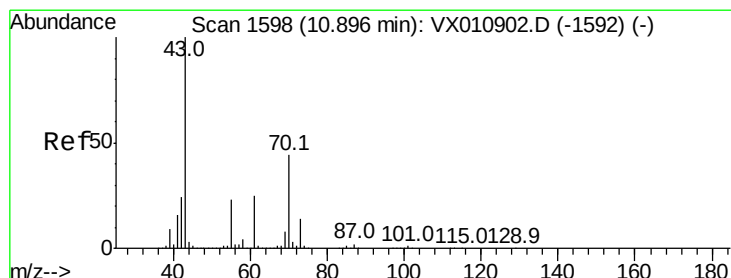
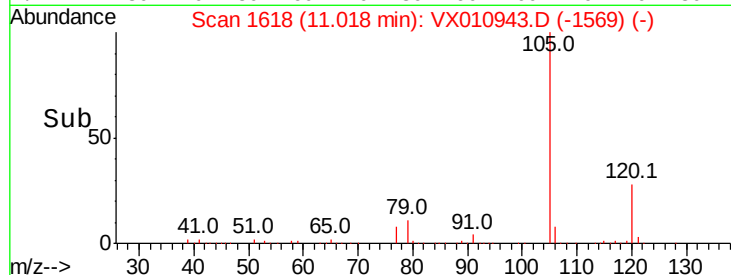
100000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 52.391 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion: 43 Resp: 213994

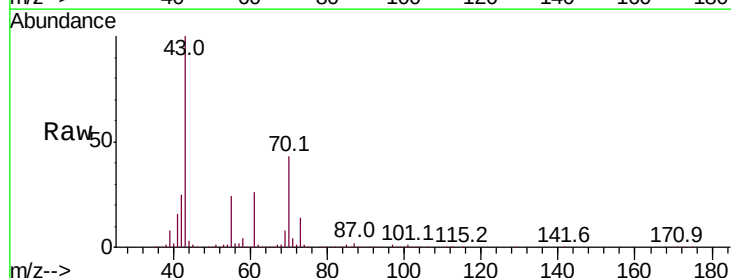
Ion Ratio Lower Upper

43 100

70 43.5 34.7 52.1

55 24.1 19.1 28.7

61 25.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

100000

50000

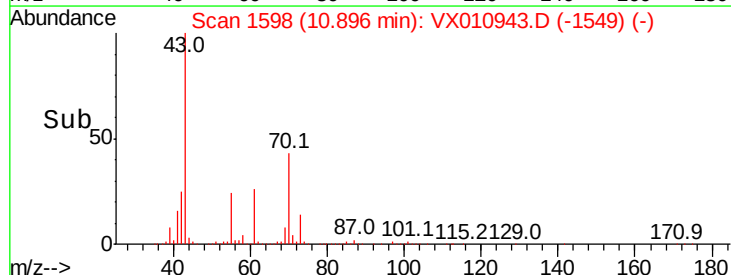
0

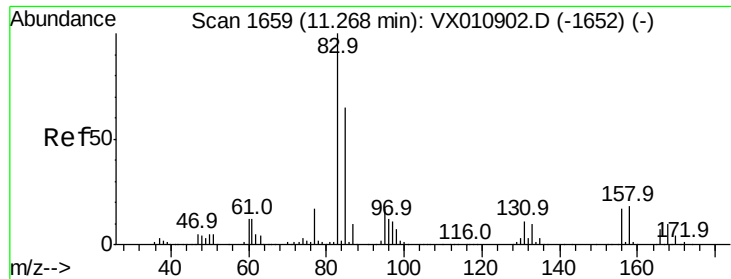
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.088 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

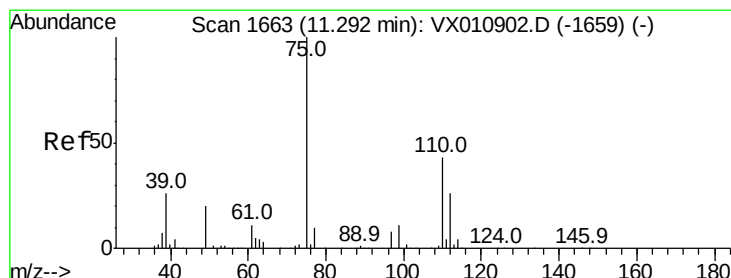
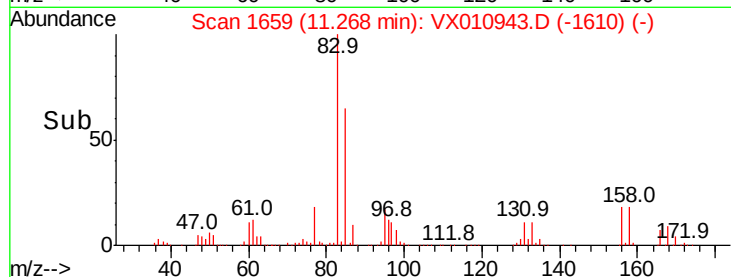
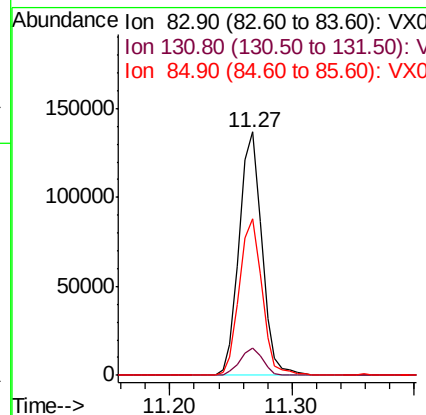
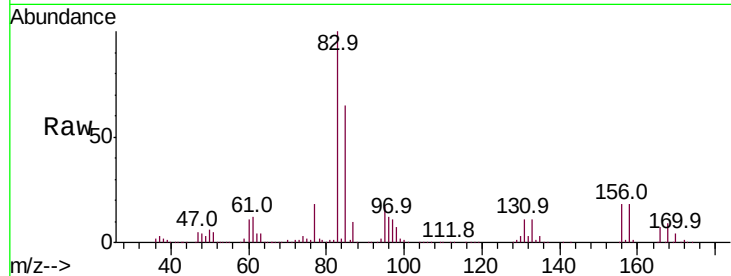
ClientSampleId :

SS050MW641-190716MSD

Tot Ion:	83	Resp:	175225
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	64.4	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.250 ug/l m

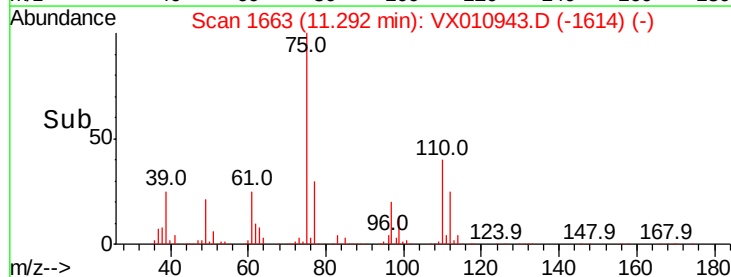
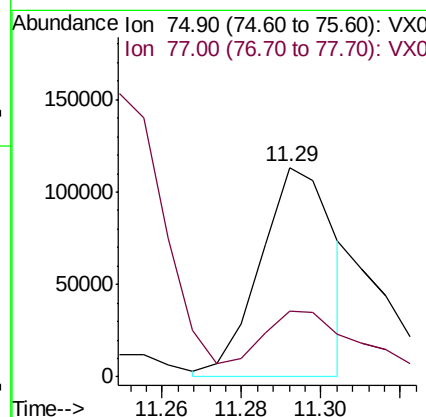
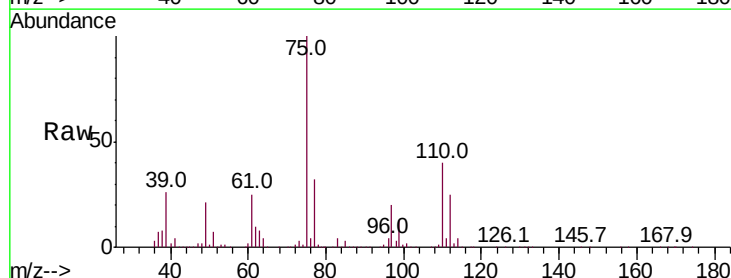
RT: 11.29 min Scan# 1663

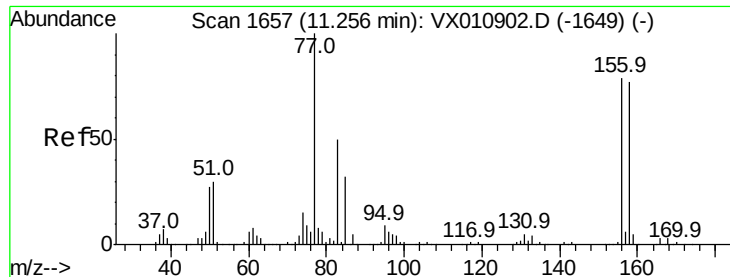
Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion:	75	Resp:	146316
Ion Ratio	Lower	Upper	
75	100		
77	42.7	21.3	64.0





#77

Bromobenzene

Concen: 48.245 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

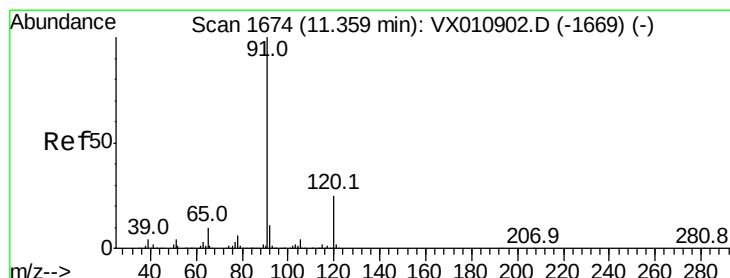
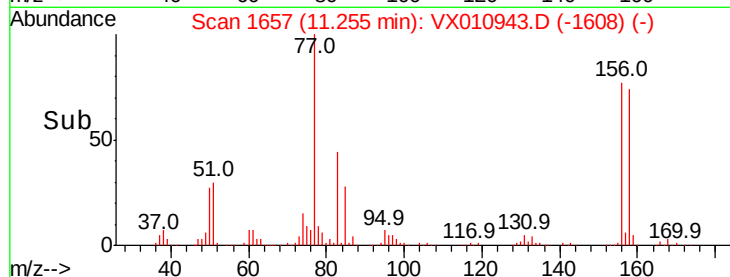
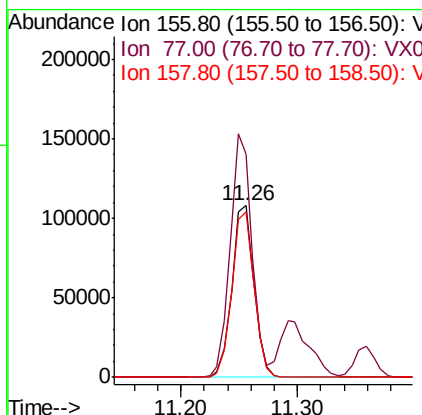
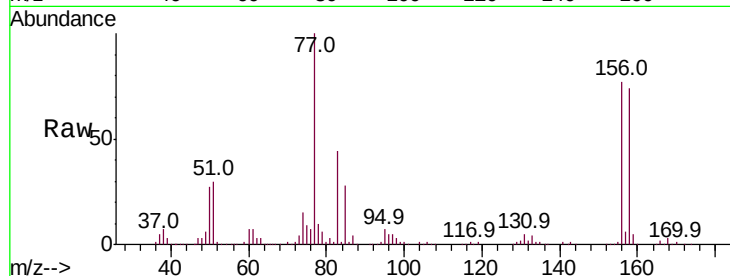
ClientSampleId :

SS050MW641-190716MSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	139.4	68.7	206.1
158	97.1	47.9	143.7

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#78

n-propylbenzene

Concen: 50.609 ug/l

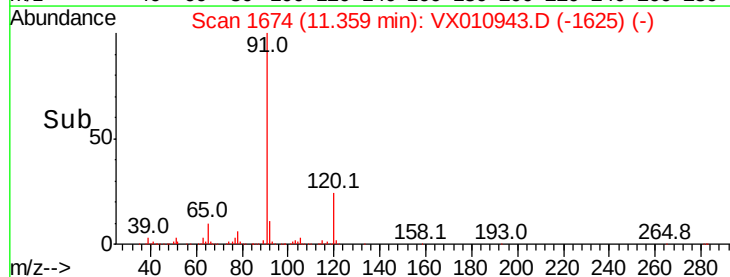
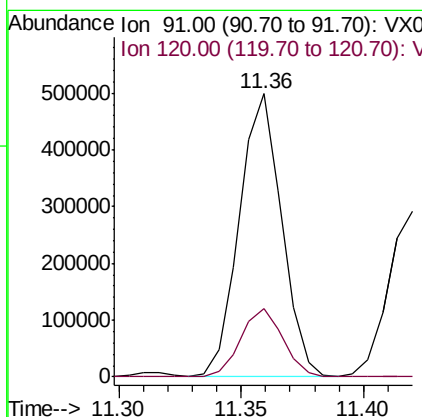
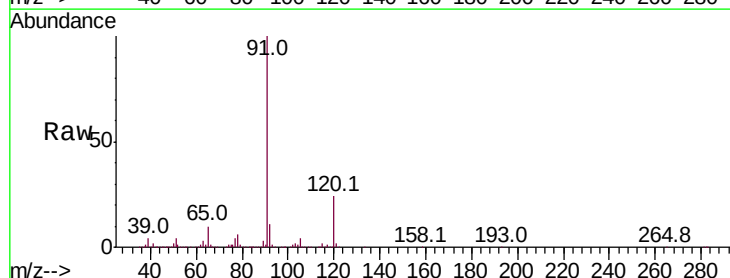
RT: 11.36 min Scan# 1674

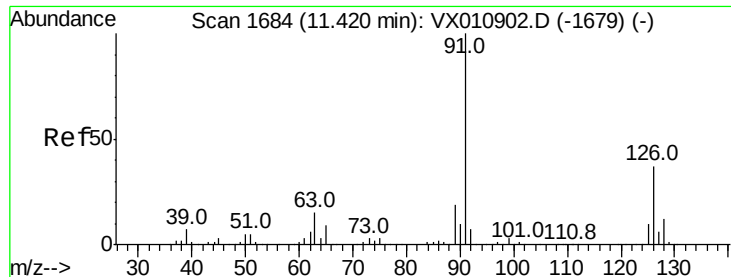
Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.3	36.8





#79

2-Chlorotoluene

Concen: 49.634 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion: 91 Resp: 352178

Ion Ratio Lower Upper

91 100

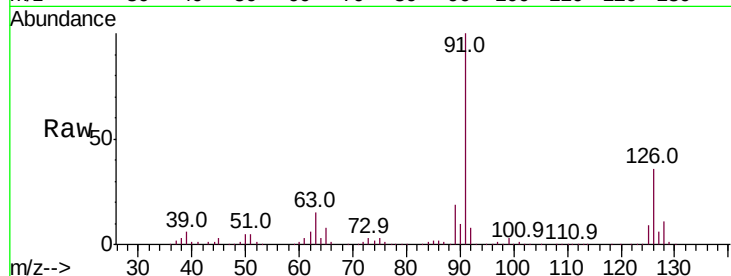
126 36.1 18.0 54.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010902.D (-1679) (-)

500000

400000

300000

200000

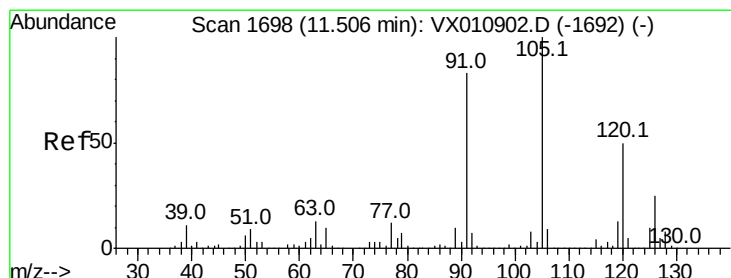
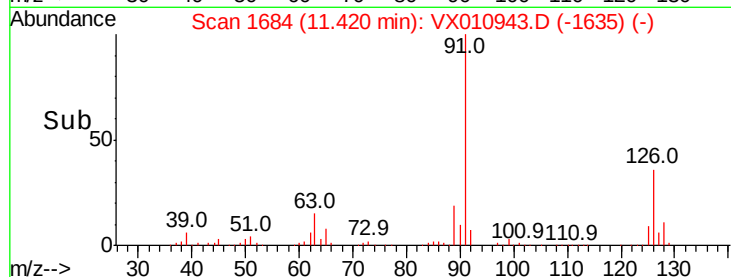
100000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.309 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010943.D

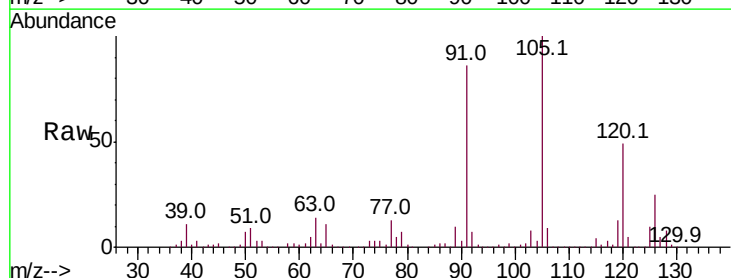
Acq: 17 Jul 2019 18:03

Tgt Ion:105 Resp: 449393

Ion Ratio Lower Upper

105 100

120 48.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010902.D (-1692) (-)

400000

300000

200000

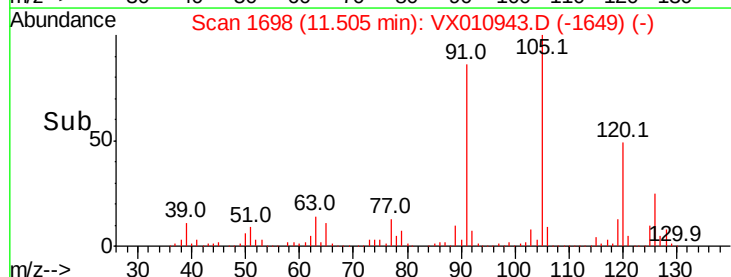
100000

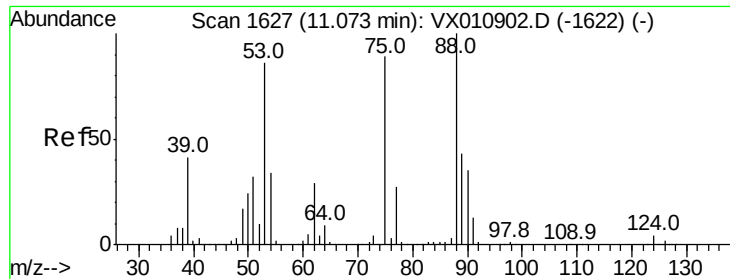
0

11.51

11.55

Time-->





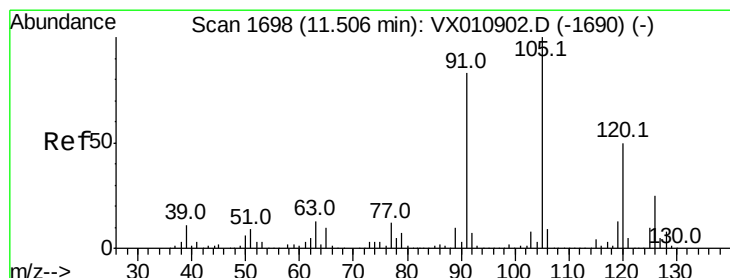
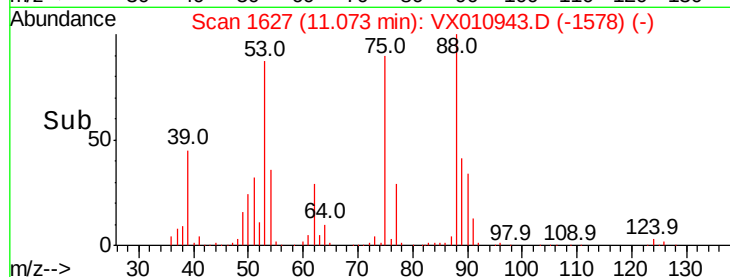
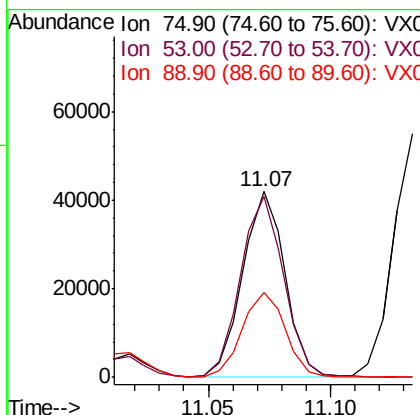
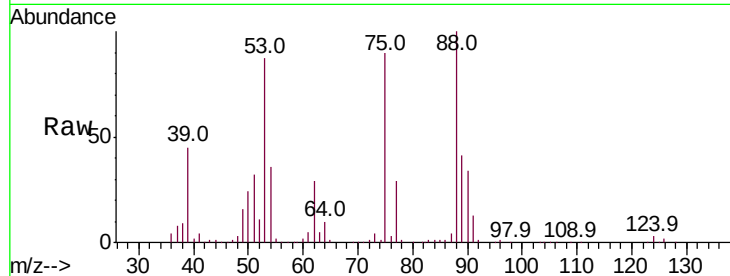
#81
trans-1,4-Dichloro-2-butene
Concen: 45.280 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion: 75 Resp: 50564
Ion Ratio Lower Upper
75 100
53 98.8 76.7 115.1
89 46.7 38.5 57.7

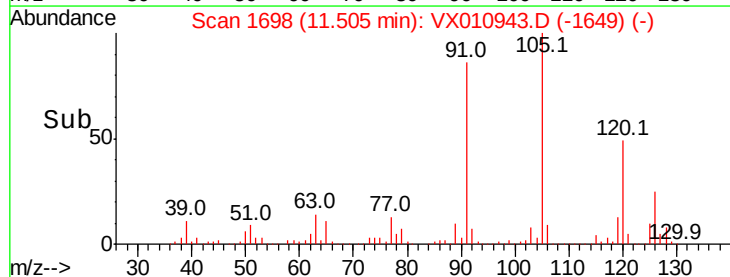
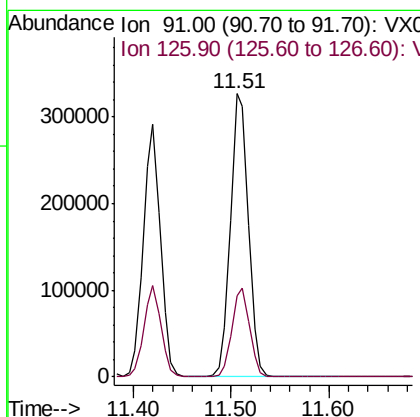
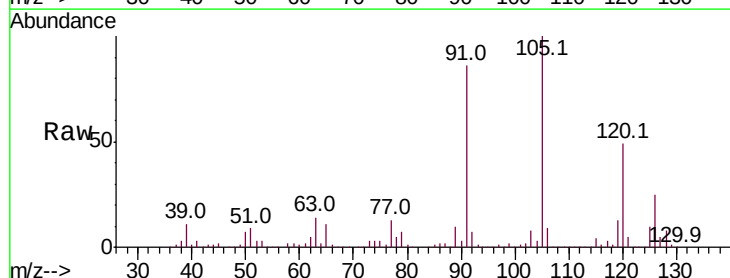
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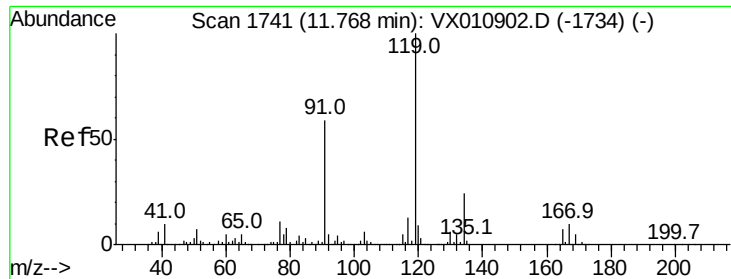
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.321 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion: 91 Resp: 415572
Ion Ratio Lower Upper
91 100
126 31.0 15.9 47.7





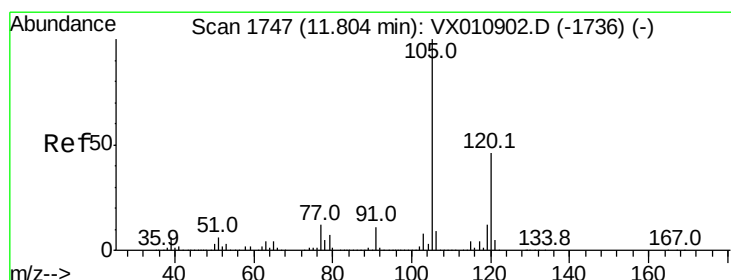
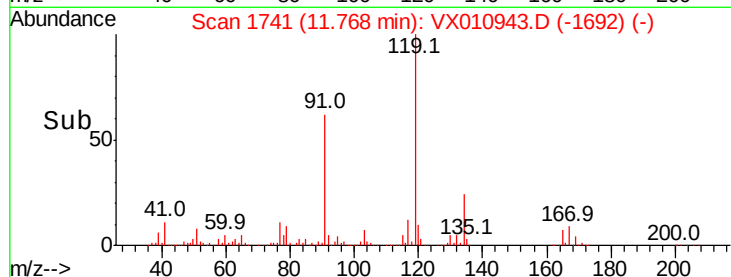
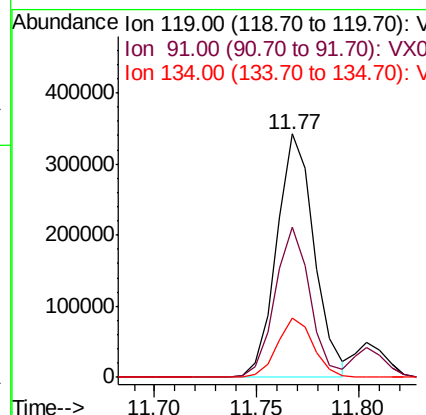
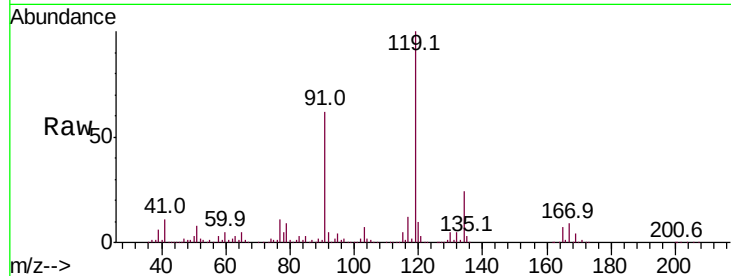
#83
 tert-Butylbenzene
 Concen: 50.139 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	28.6	85.8
134	23.3	11.6	34.8

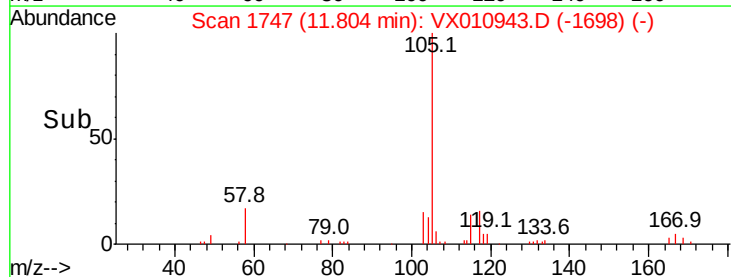
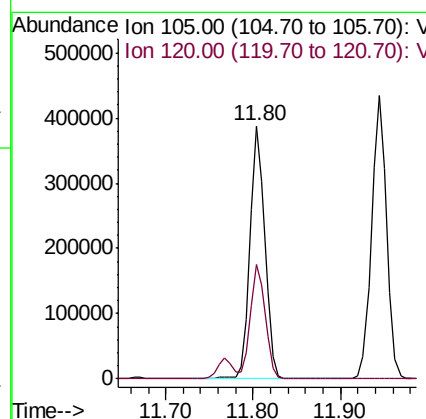
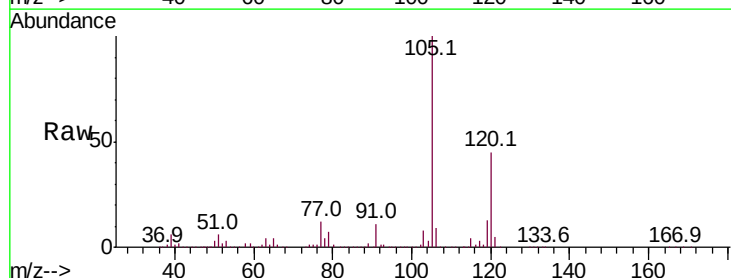
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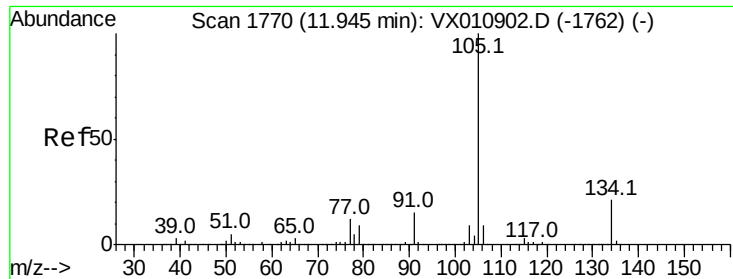
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.631 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.9	68.5





#85

sec-Butylbenzene

Concen: 50.811 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MSD

Tot Ion:105 Resp: 522379

Ion Ratio Lower Upper

105 100

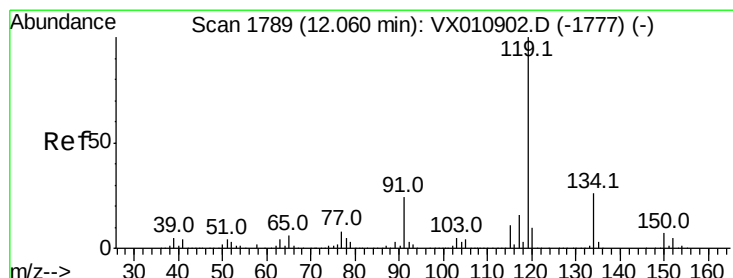
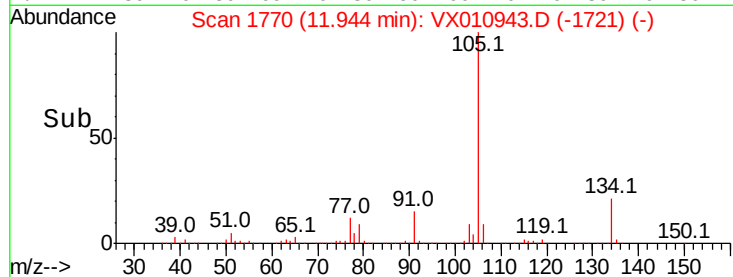
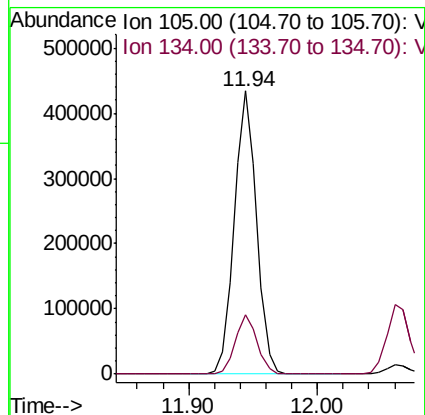
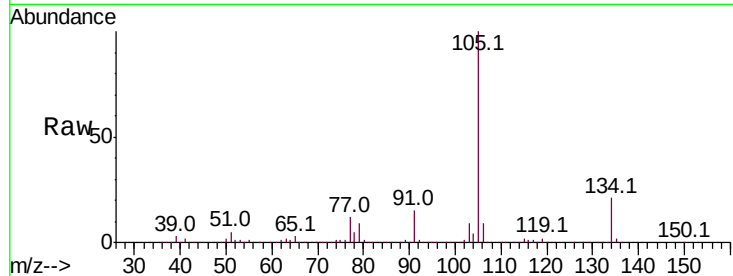
134 20.6 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 50.843 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

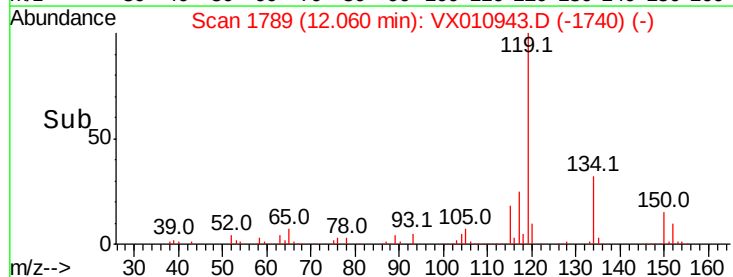
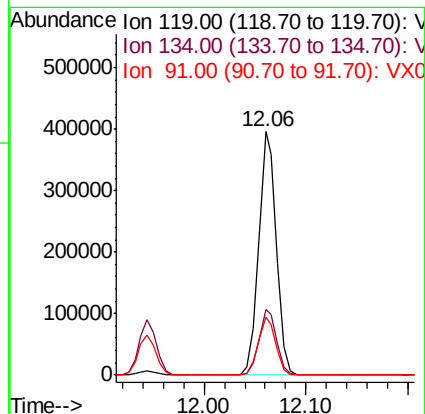
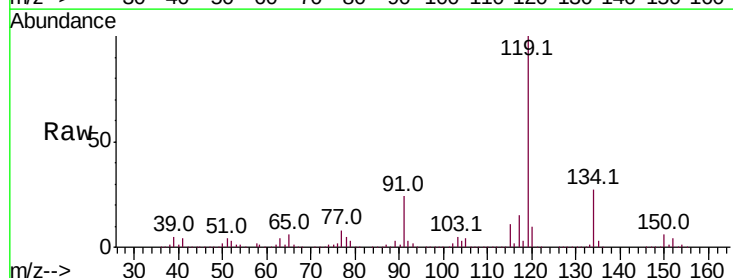
Tgt Ion:119 Resp: 483245

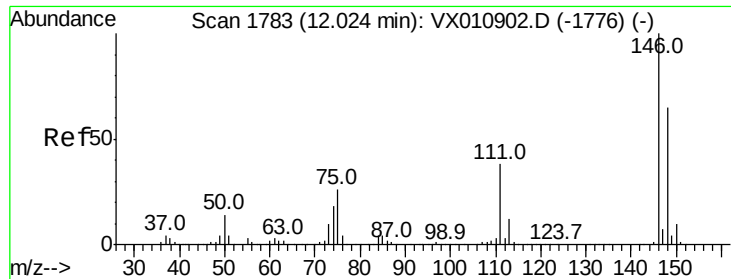
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.6 11.8 35.4





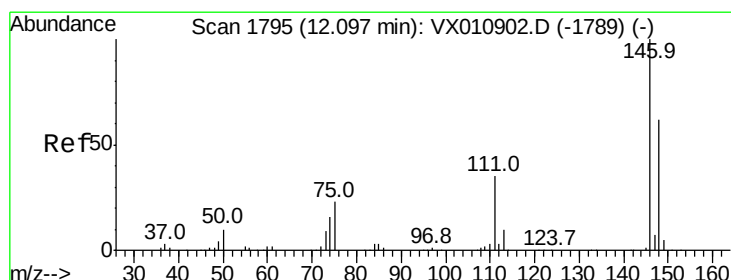
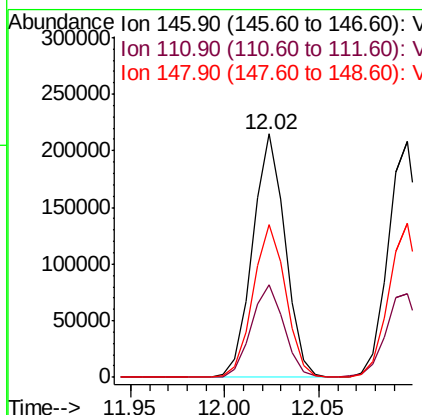
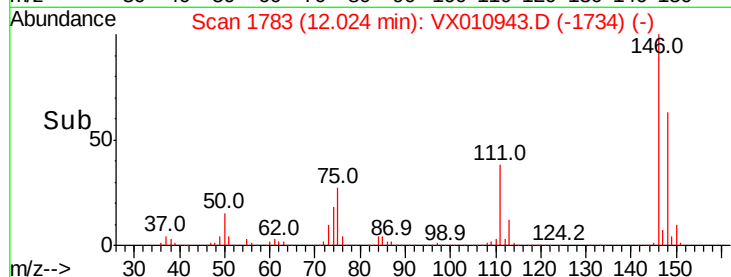
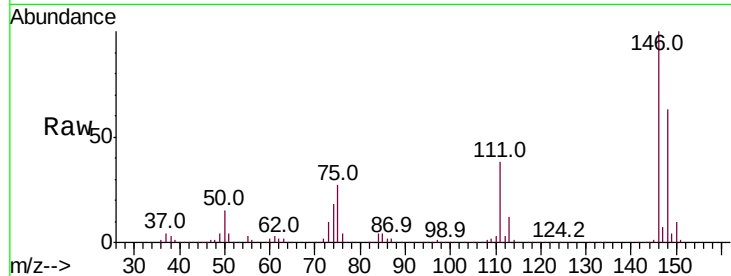
#87
 1,3-Dichlorobenzene
 Concen: 50.105 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.3	32.2	96.6

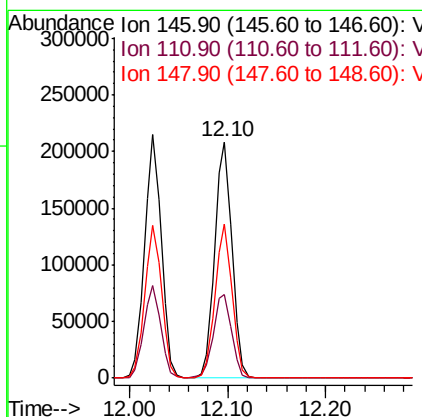
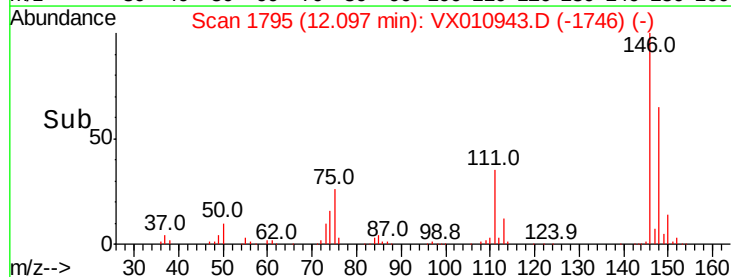
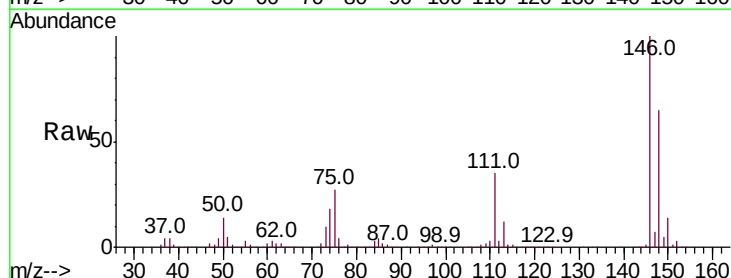
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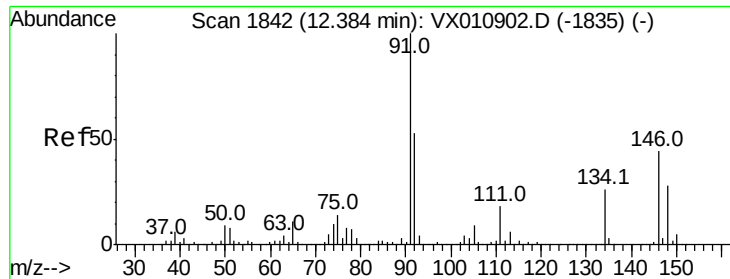
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#88
 1,4-Dichlorobenzene
 Concen: 48.781 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	64.0	31.6	94.7





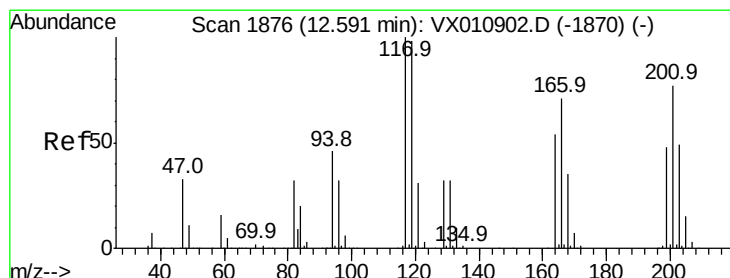
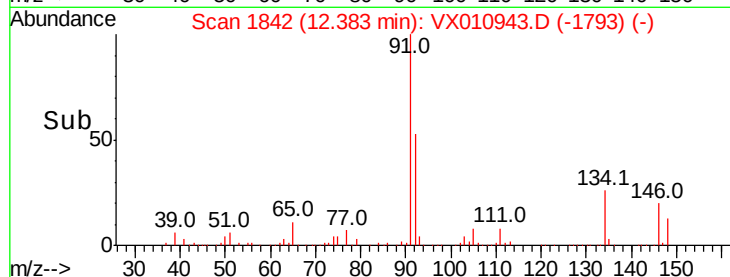
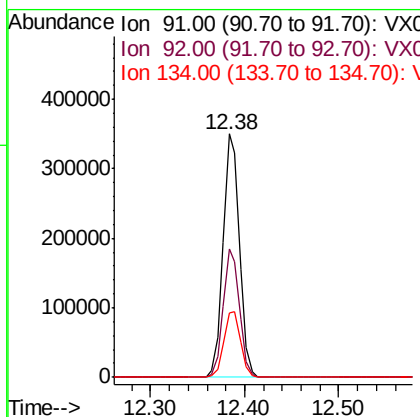
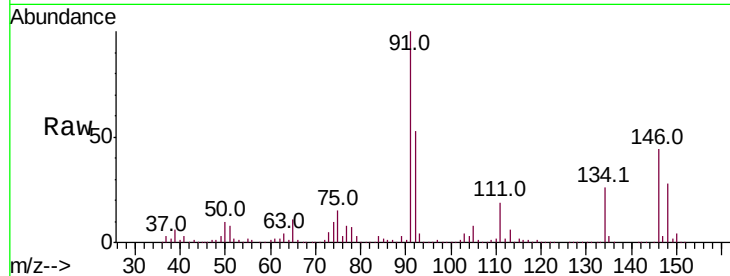
#89
n-Butylbenzene
Concen: 51.466 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	27.7	13.8	41.3

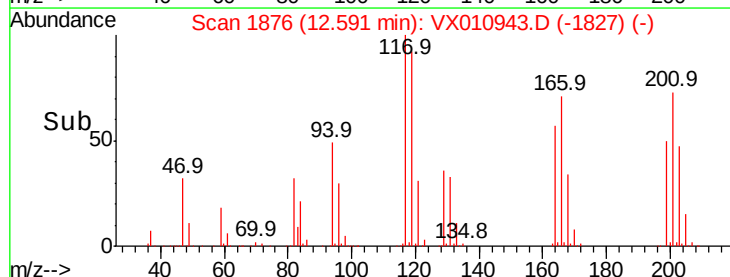
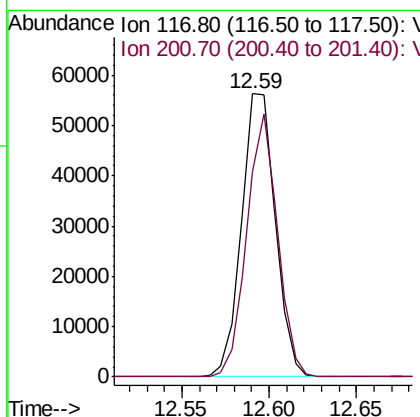
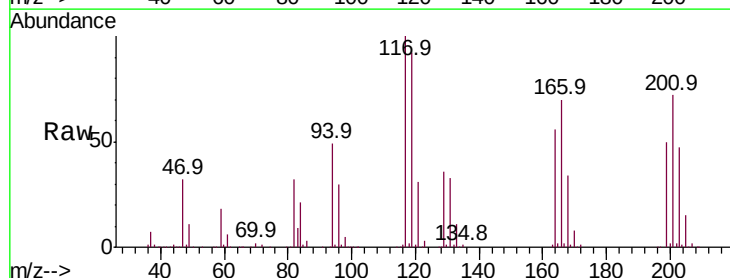
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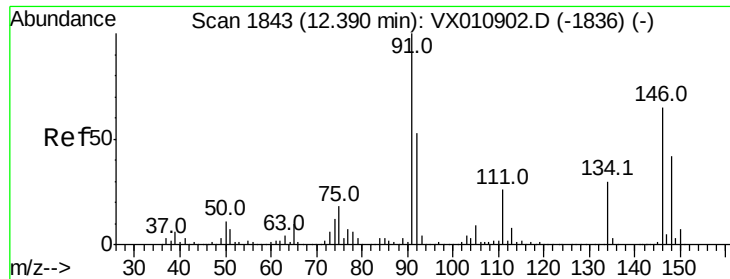
MMDadoda
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#90
Hexachloroethane
Concen: 50.672 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.2	43.3	129.8





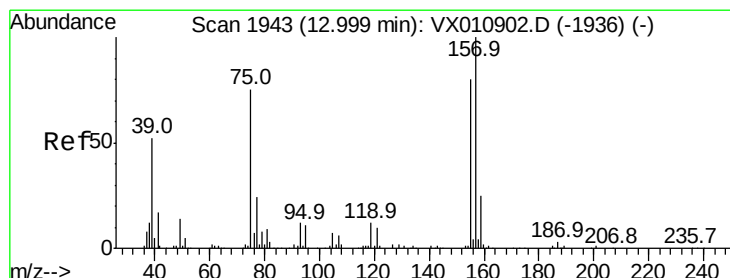
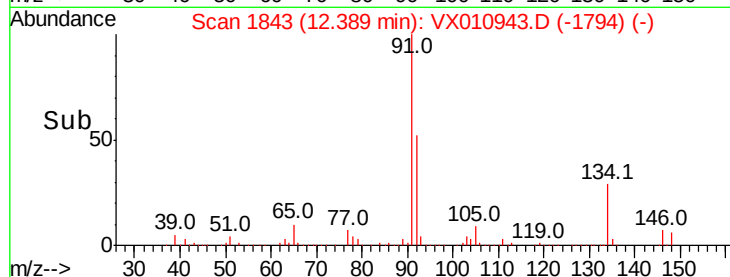
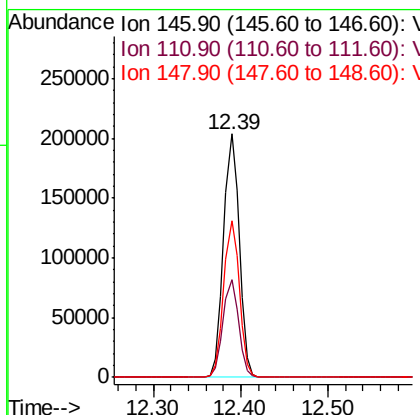
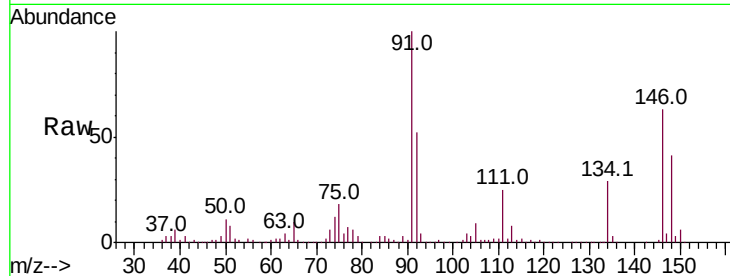
#91
 1,2-Dichlorobenzene
 Concen: 49.735 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	64.3	32.0	96.2

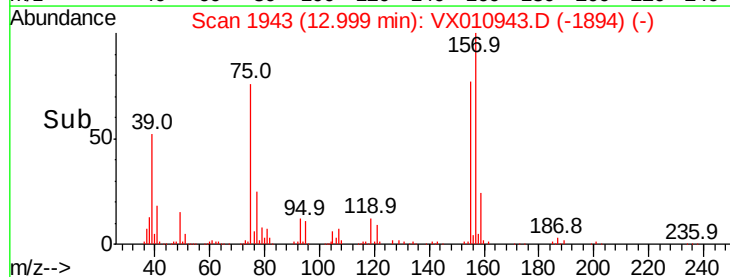
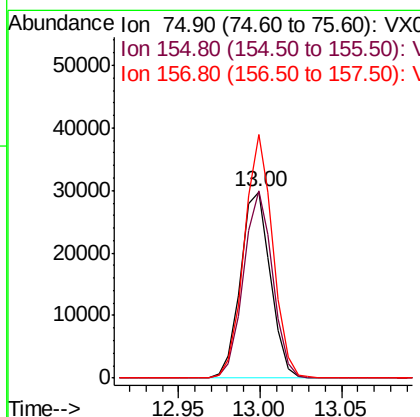
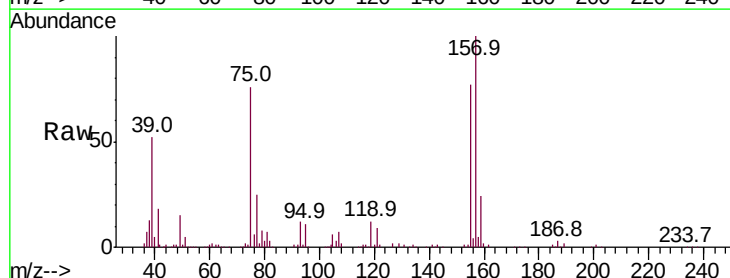
Manual Integrations
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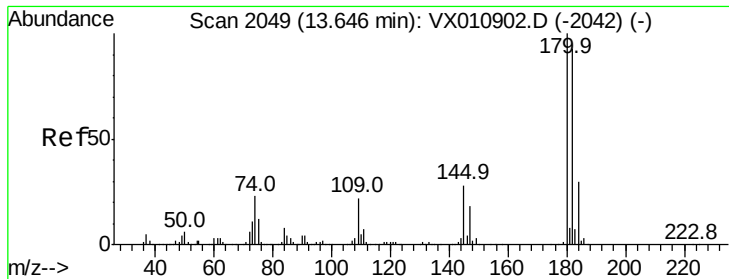
MMDadoda
 7/22/2019 10:58:17 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.027 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010943.D
 Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	48.7	146.1
157	124.9	62.5	187.6





#93

1,2,4-Trichlorobenzene

Concen: 49.853 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010943.D

Acq: 17 Jul 2019 18:03

Instrument :

MSVOA_X

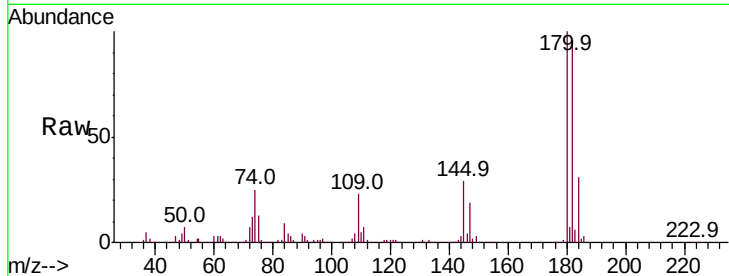
ClientSampleId :

SS050MW641-190716MSD

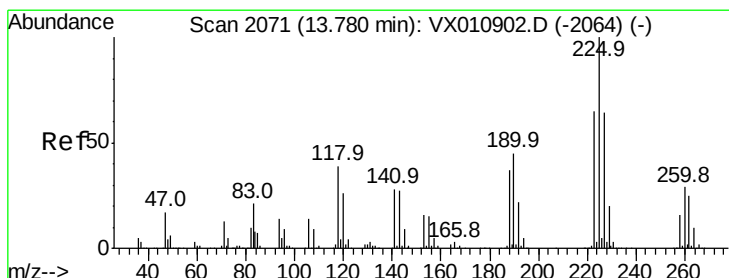
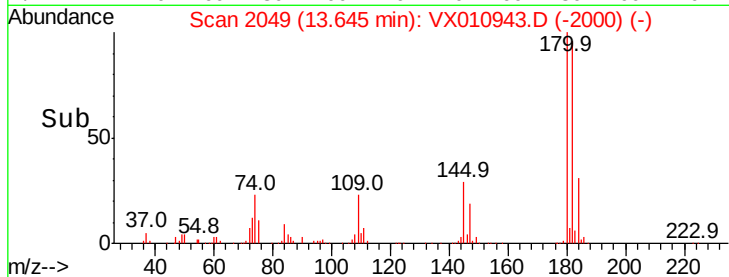
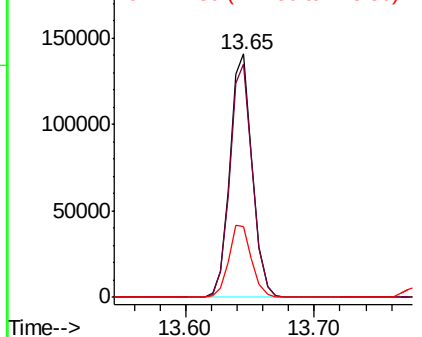
Tot Ion:	180	Resp:	171347
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.1	141.3
145	30.2	14.8	44.4

Manual Integrations
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MMDadoda
7/22/2019 10:58:17 AM



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: 49.737 ug/l

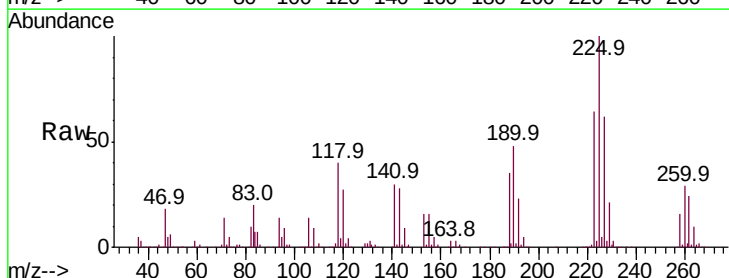
RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

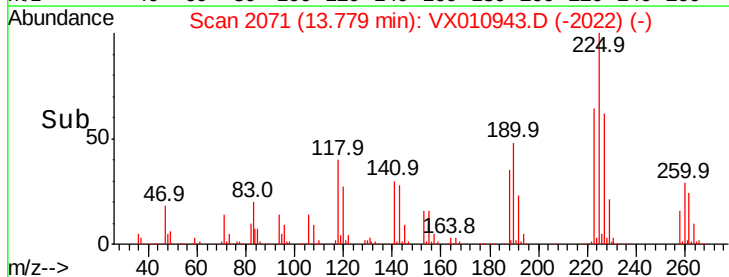
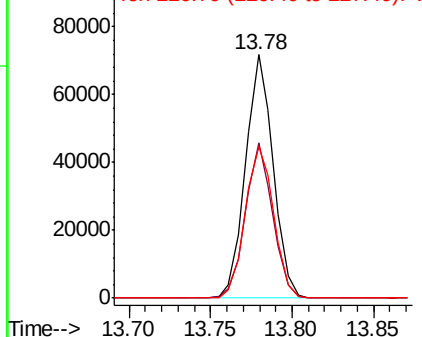
Lab File: VX010943.D

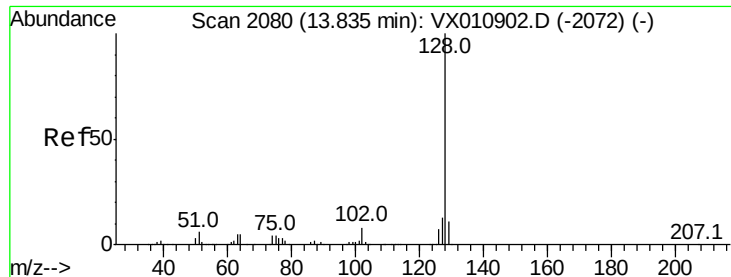
Acq: 17 Jul 2019 18:03

Tgt Ion:	225	Resp:	84713
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.9	95.9
227	64.1	32.5	97.4



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





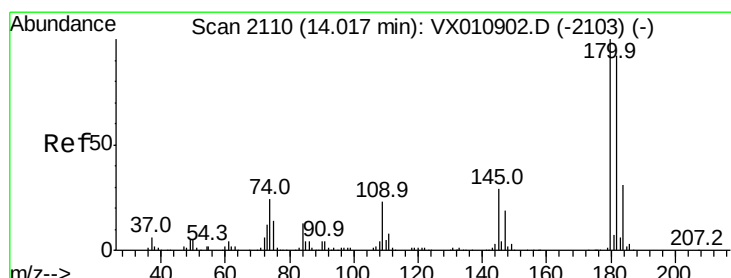
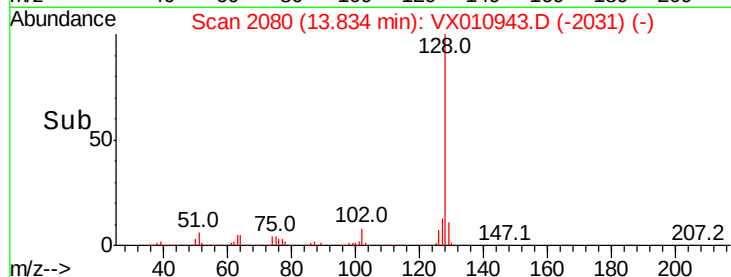
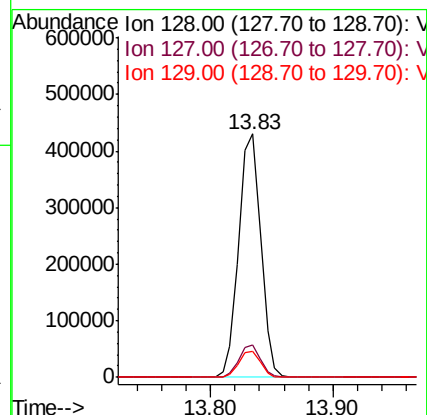
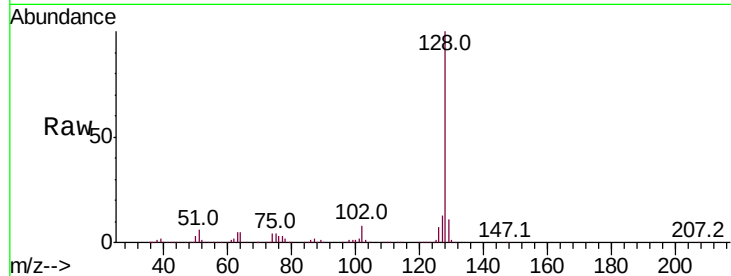
#95
Naphthalene
Concen: 52.641 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	534275		
127	13.0		10.4	15.6
129	10.8		8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.419 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010943.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	175842		
182	95.3		47.4	142.3
145	31.3		15.1	45.3

