

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050219\
 Data File : VX009297.D
 Acq On : 03 May 2019 00:40
 Operator : JC/SP
 Sample : K2659-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MSD

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 11:18:50 AM

Quant Time: May 03 04:23:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	166142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115494	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	5.50	113	85411	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	8.71	98	346076	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	125454	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	73502	48.008	ug/l	100
3) Chloromethane	1.32	50	100569	48.114	ug/l	99
4) Vinyl Chloride	1.41	62	110064	53.999	ug/l	97
5) Bromomethane	1.64	94	60201	49.209	ug/l	98
6) Chloroethane	1.71	64	65542	50.084	ug/l	99
7) Trichlorofluoromethane	1.92	101	123244	49.743	ug/l	99
8) Diethyl Ether	2.19	74	59582	50.769	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76106	48.916	ug/l	99
10) Methyl Iodide	2.51	142	86963	48.280	ug/l	99
11) Tert butyl alcohol	3.05	59	134691	256.557	ug/l	99
12) 1,1-Dichloroethene	2.37	96	77256	49.558	ug/l	94
13) Acrolein	2.29	56	103838	218.398	ug/l	99
14) Allyl chloride	2.73	41	180373	47.479	ug/l	100
15) Acrylonitrile	3.14	53	330351	257.353	ug/l	100
16) Acetone	2.45	43	281834	231.420	ug/l	99
17) Carbon Disulfide	2.57	76	209971	47.975	ug/l	99
18) Methyl Acetate	2.78	43	138959	47.978	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	310560	51.302	ug/l	99
20) Methylene Chloride	2.85	84	95450	48.406	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	84944	50.244	ug/l	99
22) Diisopropyl ether	3.85	45	373793	51.163	ug/l	97
23) Vinyl Acetate	3.81	43	1569481	250.869	ug/l	100
24) 1,1-Dichloroethane	3.70	63	180496	50.080	ug/l	100
25) 2-Butanone	4.67	43	487121	257.396	ug/l	99
26) 2,2-Dichloropropane	4.59	77	91635	34.158	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	101749	50.422	ug/l	97
28) Bromochloromethane	5.01	49	76360	52.784	ug/l	99
29) Tetrahydrofuran	5.13	42	325867	267.584	ug/l	99
30) Chloroform	5.21	83	164817	50.562	ug/l	100
31) Cyclohexane	5.58	56	164703	49.119	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	135579	49.964	ug/l	100
36) 1,1-Dichloropropene	5.80	75	122247	47.945	ug/l	100
37) Ethyl Acetate	4.84	43	175226	49.324	ug/l	99
38) Carbon Tetrachloride	5.79	117	112109	48.393	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	145248	46.385	ug/l	98
40) Benzene	6.14	78	385961	48.911	ug/l	99
41) Methacrylonitrile	5.04	41	105422	49.851	ug/l	99
42) 1,2-Dichloroethane	6.20	62	139750	49.370	ug/l	100
43) Isopropyl Acetate	6.45	43	281829	49.596	ug/l	100
44) Trichloroethene	7.21	130	89935	47.144	ug/l	97
45) 1,2-Dichloropropane	7.51	63	111334	49.827	ug/l	98
46) Dibromomethane	7.66	93	63572	48.994	ug/l	98
47) Bromodichloromethane	7.90	83	128301	49.570	ug/l	97
48) Methyl methacrylate	7.77	41	146218	51.864	ug/l	98
49) 1,4-Dioxane	7.74	88	51709	904.419	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	959587	258.355	ug/l	100
52) Toluene	8.79	92	236945	49.397	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	141656	48.476	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	153862	47.570	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	96794	49.462	ug/l	99
56) Ethyl methacrylate	9.18	69	177901	50.927	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170557	49.527	ug/l	99
59) 2-Hexanone	9.49	43	749342	256.879	ug/l	100
60) Dibromochloromethane	9.58	129	97714	51.124	ug/l	100
61) 1,2-Dibromoethane	9.67	107	98465	49.846	ug/l	99
64) Tetrachloroethene	9.34	164	79903	46.370	ug/l	98
65) Chlorobenzene	10.14	112	243077	48.371	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89800	49.290	ug/l	99
67) Ethyl Benzene	10.25	91	447652	48.403	ug/l	100
68) m/p-Xylenes	10.36	106	325589	96.338	ug/l	98
69) o-Xylene	10.70	106	162443	48.715	ug/l	98
70) Stvrene	10.71	104	283264	48.875	ug/l	99
71) Bromoform	10.85	173	73698	49.778	ug/l #	99
73) Isopropylbenzene	11.02	105	425941	48.970	ug/l	99
74) N-amyl acetate	10.90	43	252118	49.717	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	167028	51.512	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	139677m	50.342	ug/l	
77) Bromobenzene	11.26	156	106573	49.365	ug/l	99
78) n-propylbenzene	11.36	91	488568	49.183	ug/l	100
79) 2-Chlorotoluene	11.42	91	294627	48.075	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	362148	49.448	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49529	45.674	ug/l	97
82) 4-Chlorotoluene	11.51	91	339880	49.091	ug/l	100
83) tert-Butylbenzene	11.77	119	352318	49.451	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	367625	50.009	ug/l	99
85) sec-Butylbenzene	11.94	105	410838	48.639	ug/l	100
86) p-Isopropyltoluene	12.06	119	374520	49.321	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189207	49.162	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189879	48.937	ug/l	99
89) n-Butylbenzene	12.39	91	336148	48.978	ug/l	100
90) Hexachloroethane	12.60	117	65219	50.413	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	194831	49.702	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38163	52.466	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	135551	50.567	ug/l	100

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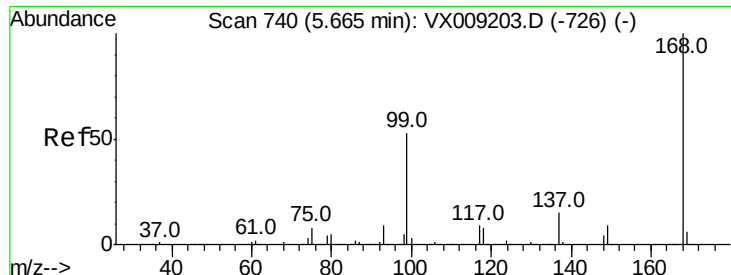
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	65176	47.612	ug/l	99
95) Naphthalene	13.83	128	451004	51.714	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	138091	50.820	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion:168 Resp: 166142

Ion Ratio Lower Upper

168 100

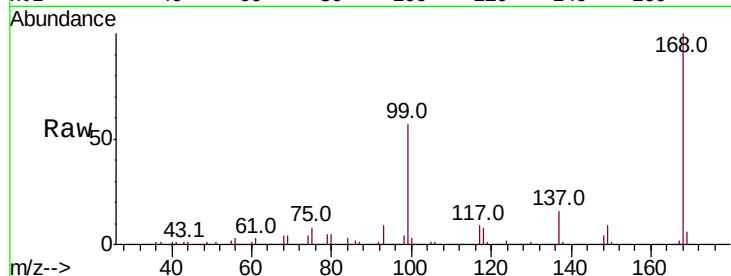
99 56.4 42.3 63.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

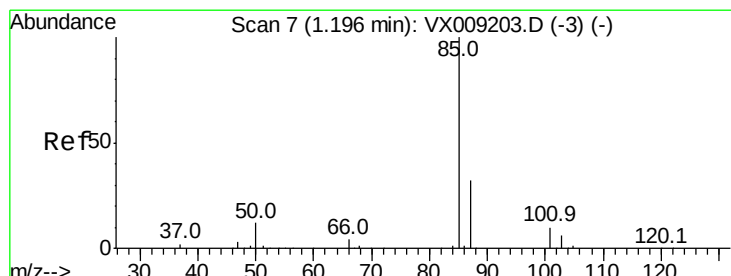
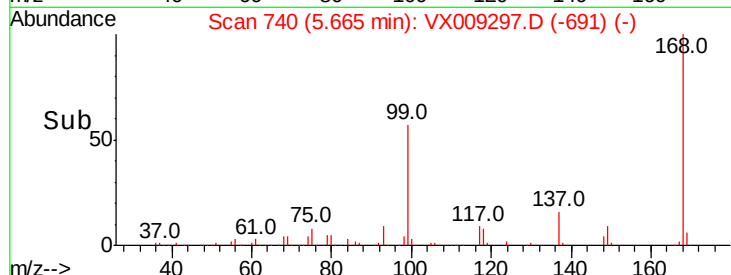
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.008 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009297.D

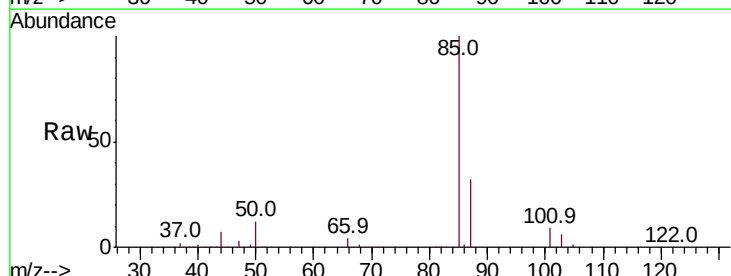
Acq: 03 May 2019 00:40

Tgt Ion: 85 Resp: 73502

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

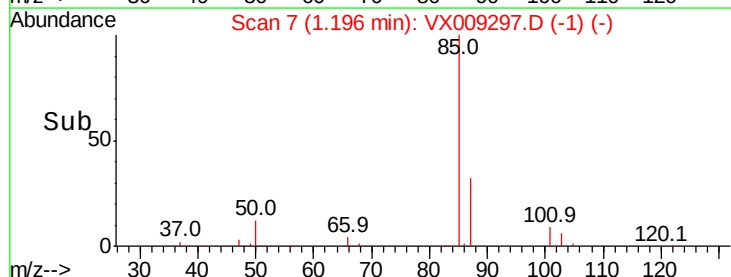
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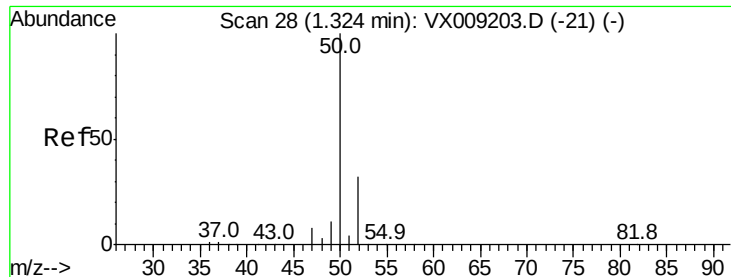
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.114 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion: 50 Resp: 100569

Ion Ratio Lower Upper

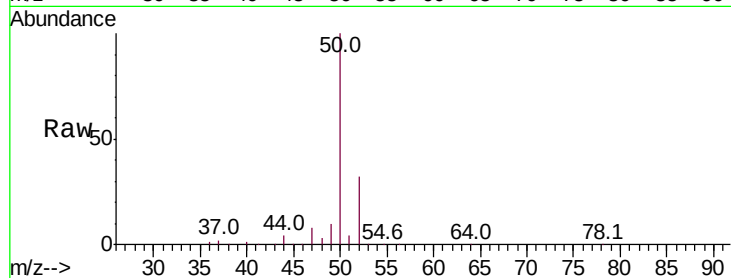
50 100

52 31.6 25.9 38.9

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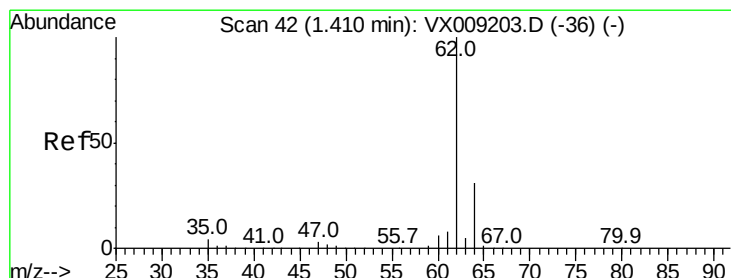
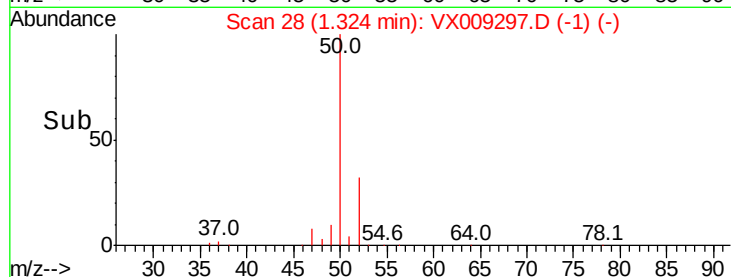
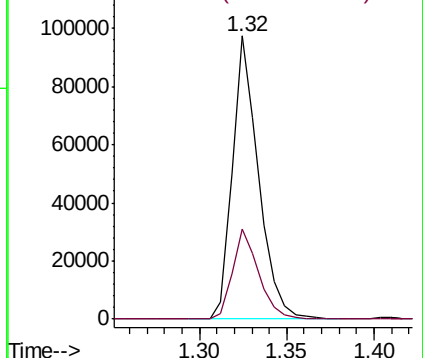
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.999 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009297.D

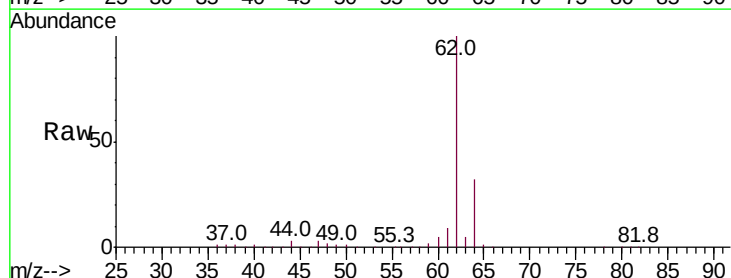
Acq: 03 May 2019 00:40

Tgt Ion: 62 Resp: 110064

Ion Ratio Lower Upper

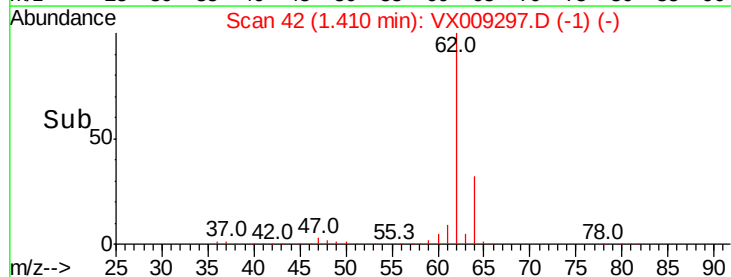
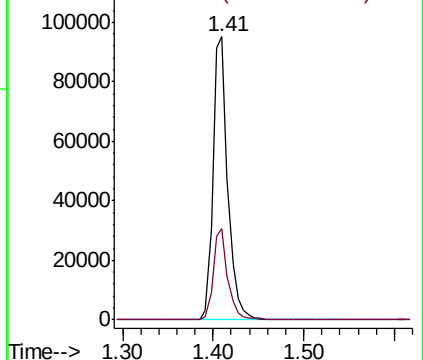
62 100

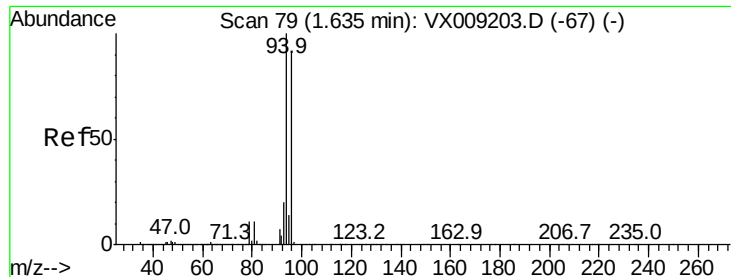
64 32.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.209 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion: 94 Resp: 60201

Ion Ratio Lower Upper

94 100

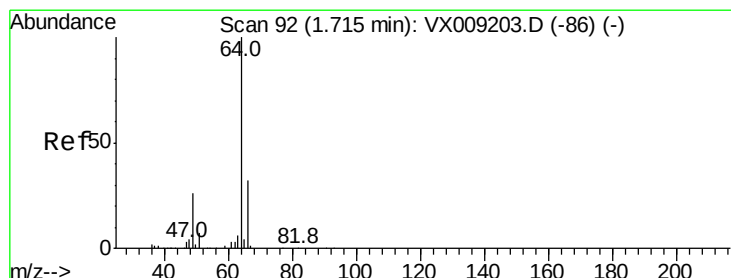
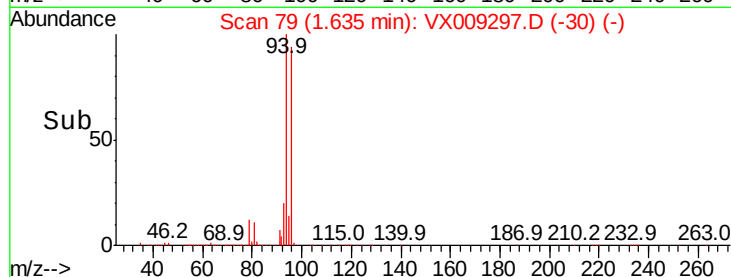
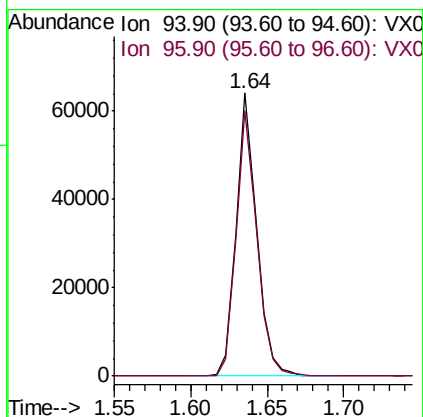
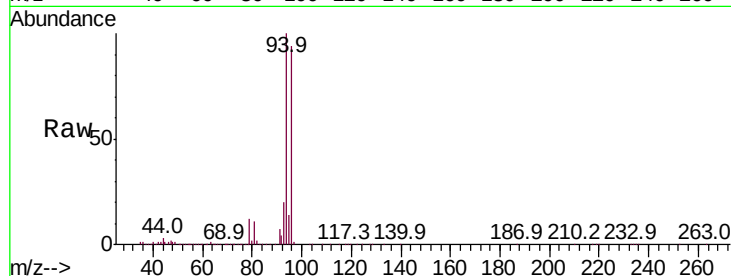
96 93.5 73.0 109.6

Manual Integrations

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#6

Chloroethane

Concen: 50.084 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009297.D

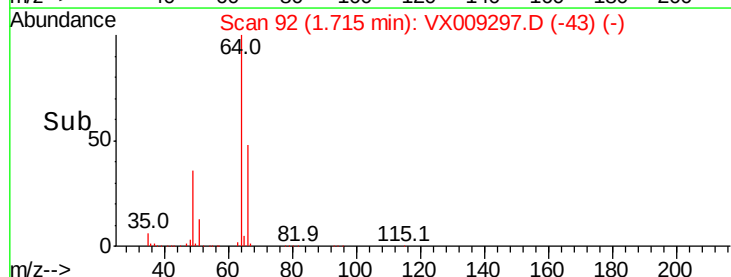
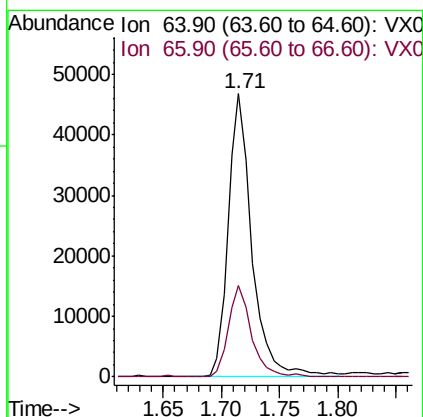
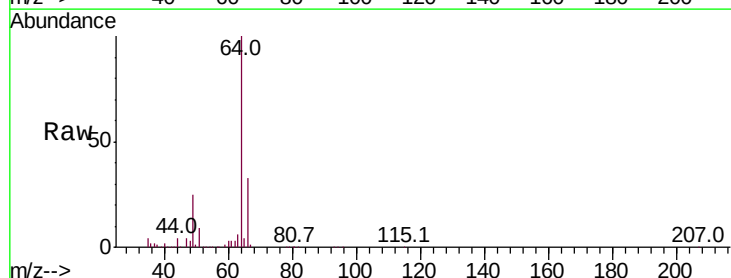
Acq: 03 May 2019 00:40

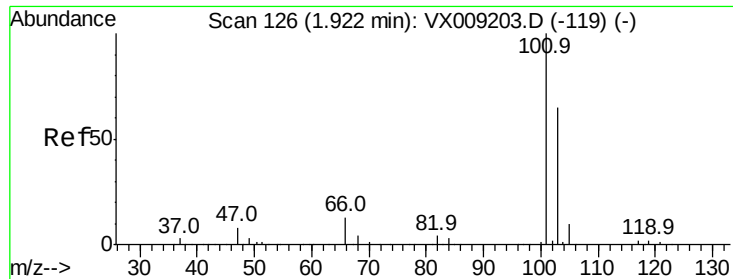
Tgt Ion: 64 Resp: 65542

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9





#7

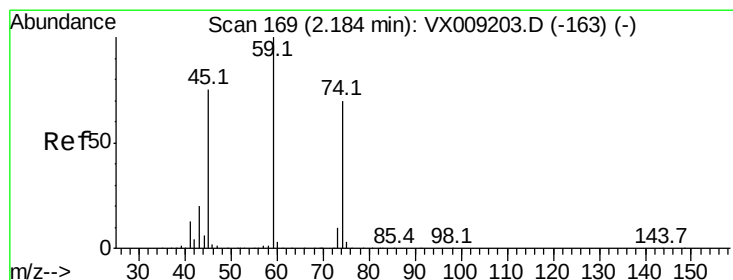
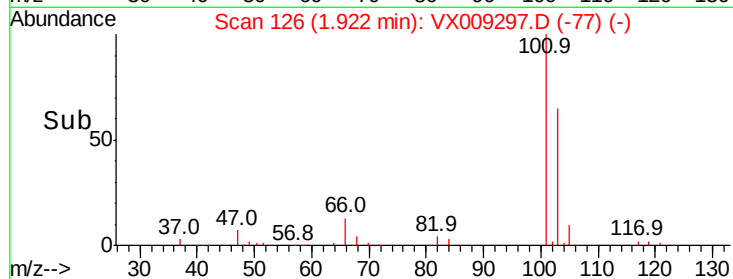
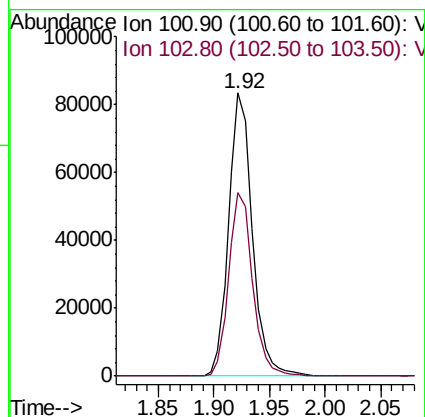
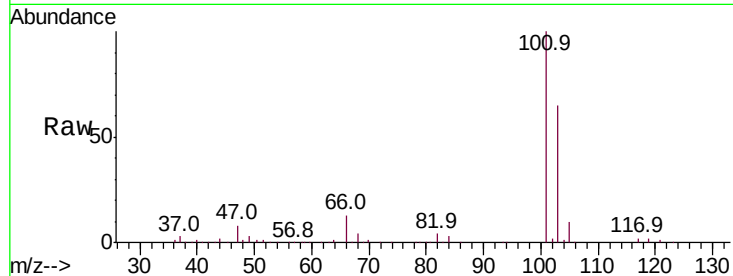
Trichlorofluoromethane
Concen: 49.743 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

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SS050MW641-190429MSD

Tot Ion:101 Resp: 123244
Ion Ratio Lower Upper
101 100
103 64.6 52.4 78.6

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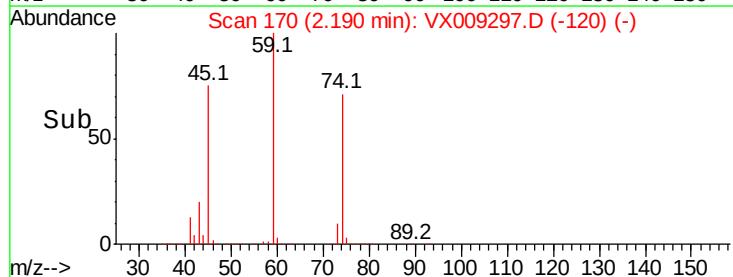
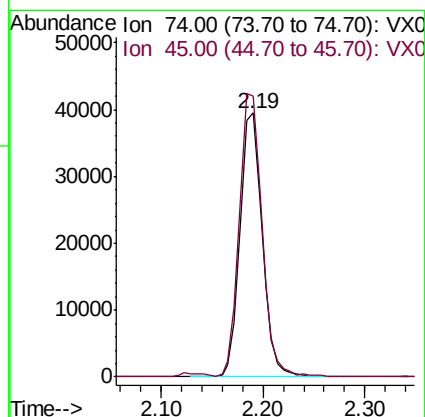
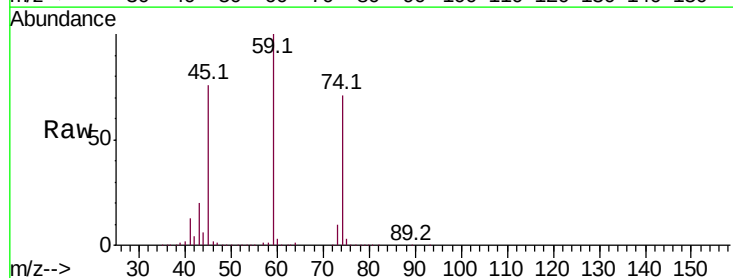
MMDadoda
5/3/2019 11:18:50 AM

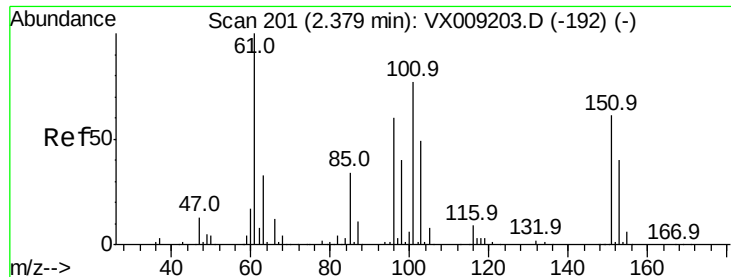


#8

Diethyl Ether
Concen: 50.769 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Tgt Ion: 74 Resp: 59582
Ion Ratio Lower Upper
74 100
45 107.8 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.916 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

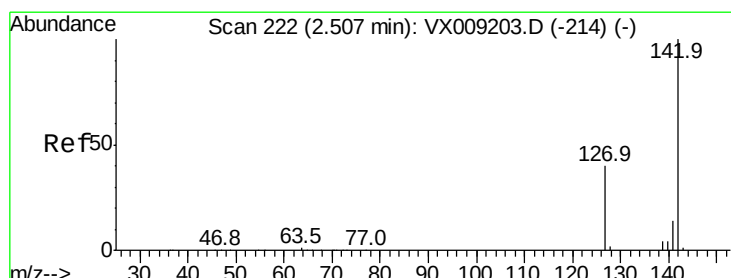
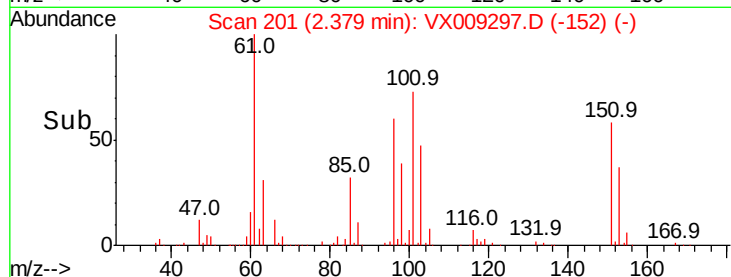
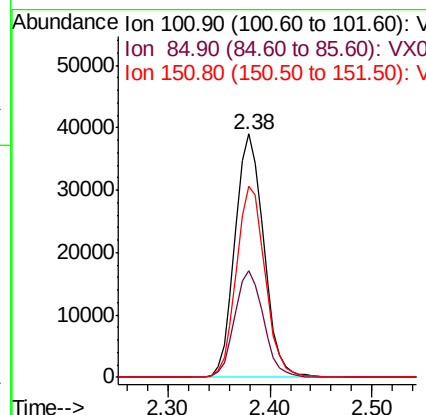
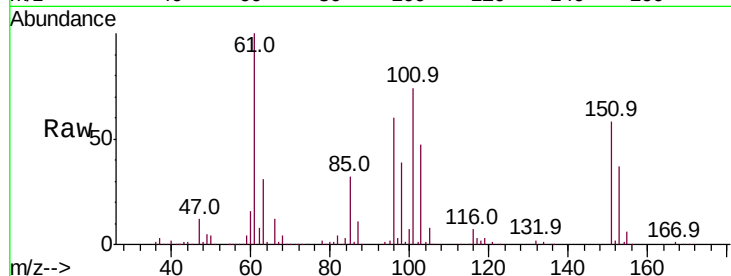
ClientSampleId :

SS050MW641-190429MSD

Tot Ion:	101	Resp:	76106
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.7	53.5
151	78.6	62.2	93.2

Manual Integrations
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MMDadoda
5/3/2019 11:18:50 AM



#10

Methyl Iodide

Concen: 48.280 ug/l

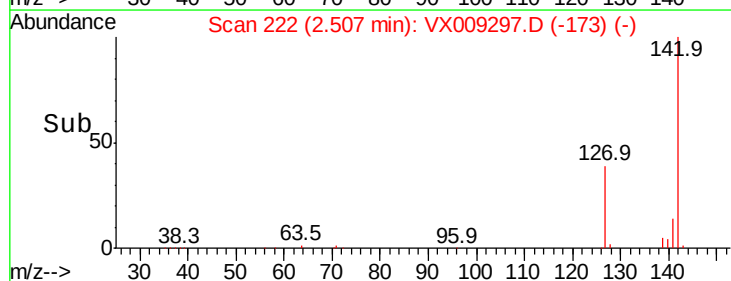
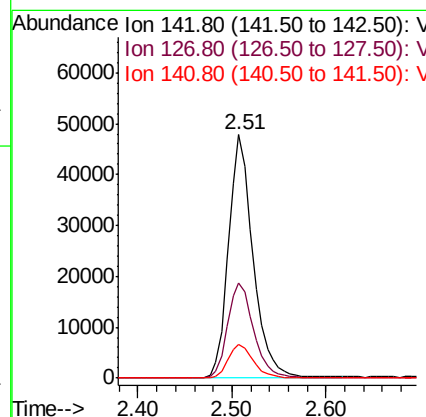
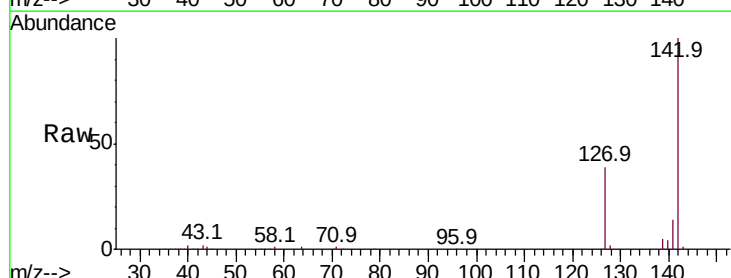
RT: 2.51 min Scan# 222

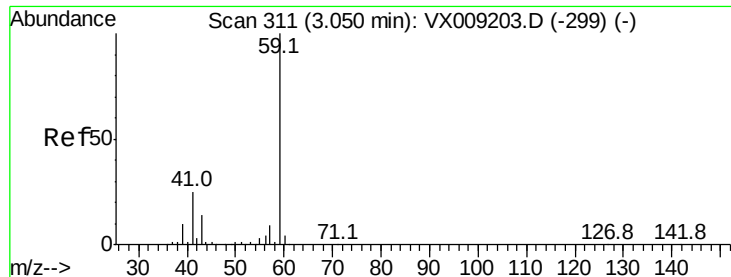
Delta R.T. 0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion:	142	Resp:	86963
Ion Ratio	Lower	Upper	
142	100		
127	41.5	32.7	49.1
141	14.2	11.5	17.3





#11

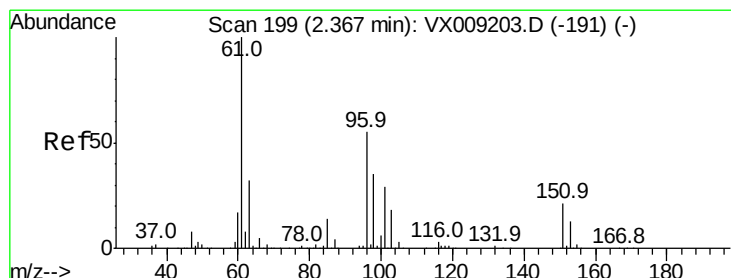
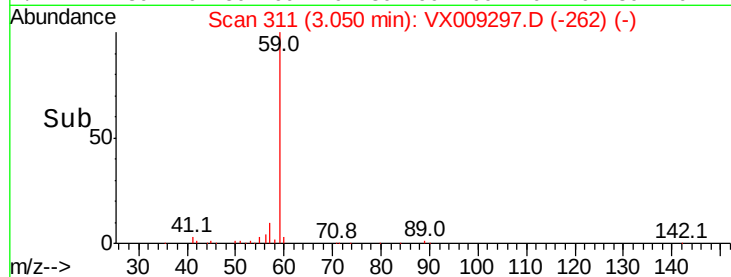
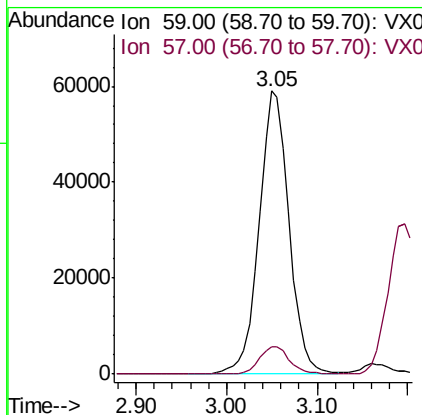
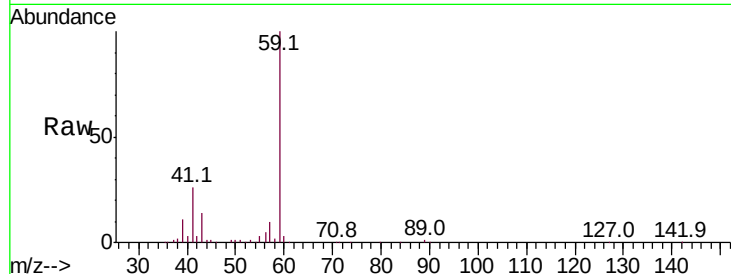
Tert butyl alcohol
Concen: 256.557 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2

Manual Integrations
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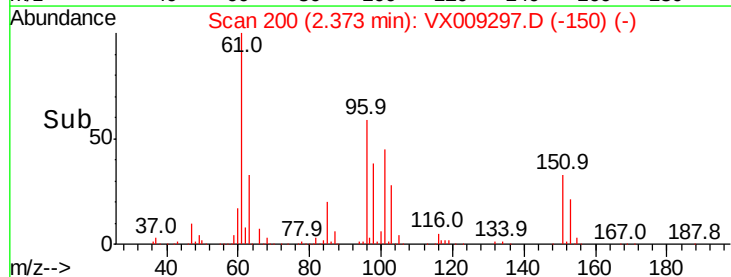
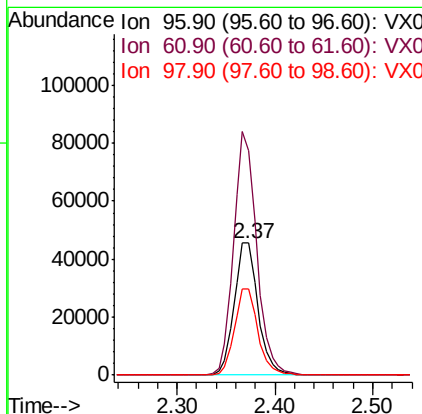
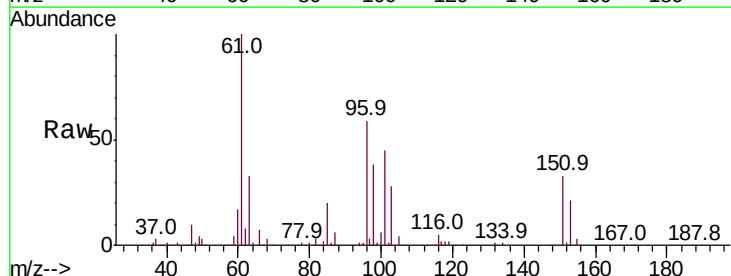
MMDadoda
5/3/2019 11:18:50 AM

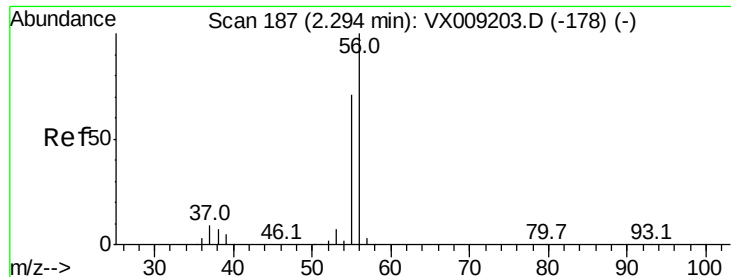


#12

1,1-Dichloroethene
Concen: 49.558 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.7	144.3	216.5
98	64.9	50.3	75.5





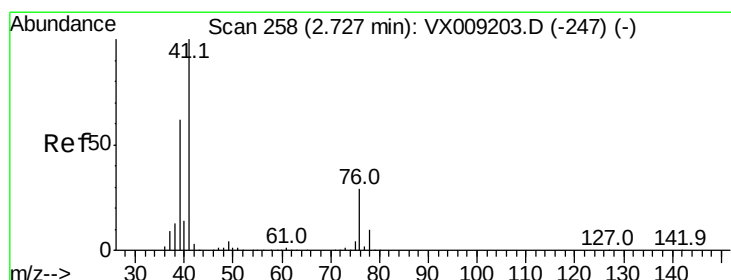
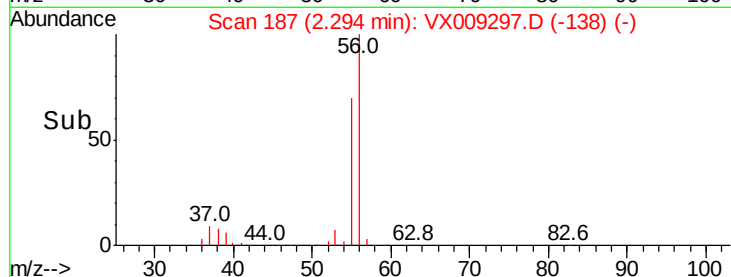
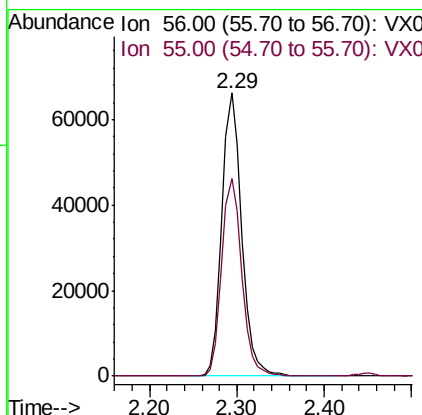
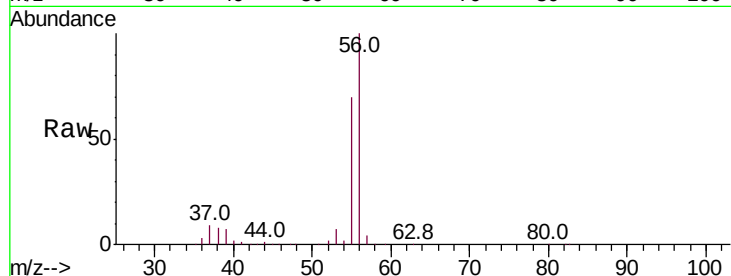
#13
Acrolein
Concen: 218.398 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MSD

Tot Ion	56	55	Ratio	100	Resp	103838	Lower	Upper
56	100							
55	70.3				56.6		85.0	

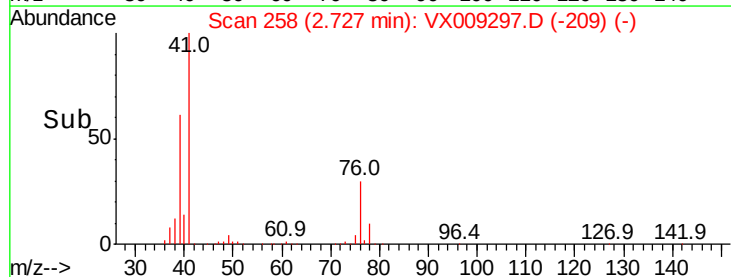
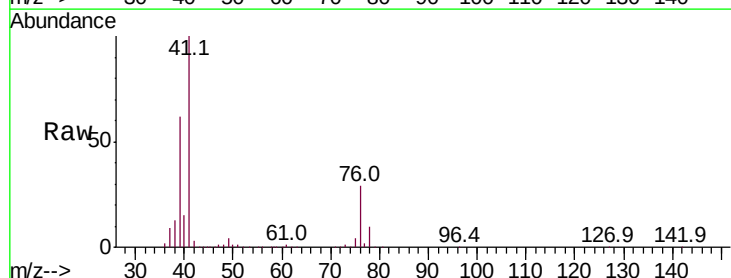
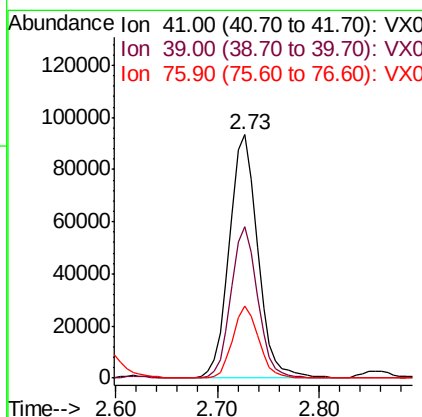
Manual Integrations
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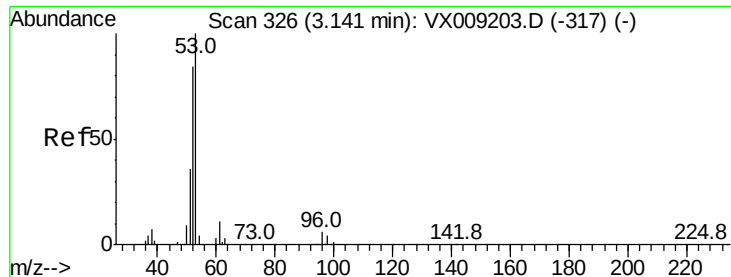
MMDadoda
5/3/2019 11:18:50 AM



#14
Allyl chloride
Concen: 47.479 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Tgt Ion	41	39	76	Ratio	100	Resp	180373	Lower	Upper
41	100								
39	58.2				46.7		70.1		
76	26.9				21.8		32.8		





#15

Acrylonitrile

Concen: 257.353 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

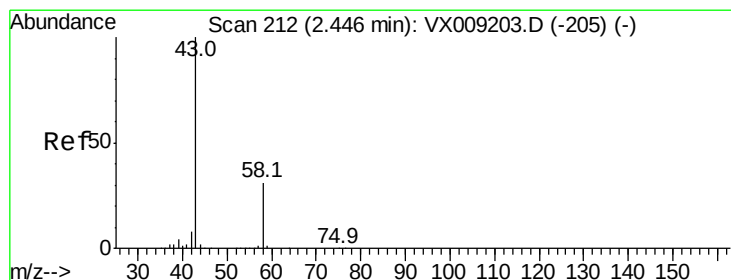
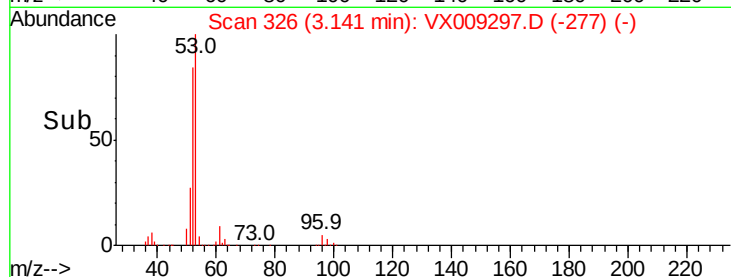
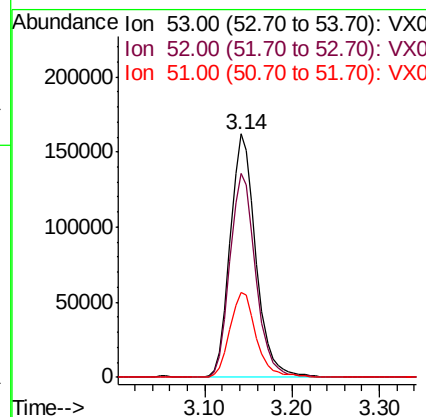
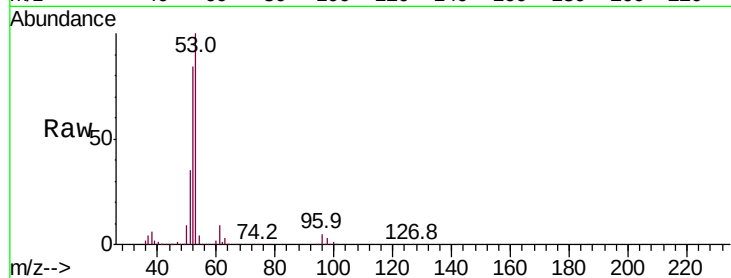
ClientSampleId :

SS050MW641-190429MSD

Tot Ion	53	Resp	330351
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.9	100.3
51	35.7	28.2	42.2

Manual Integrations
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5/3/2019 11:18:50 AM



#16

Acetone

Concen: 231.420 ug/l

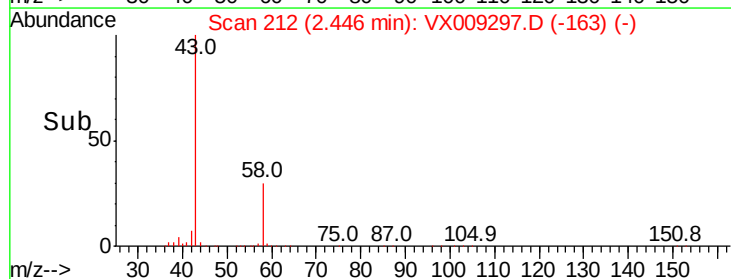
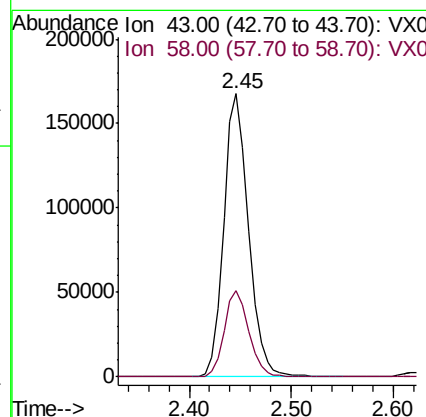
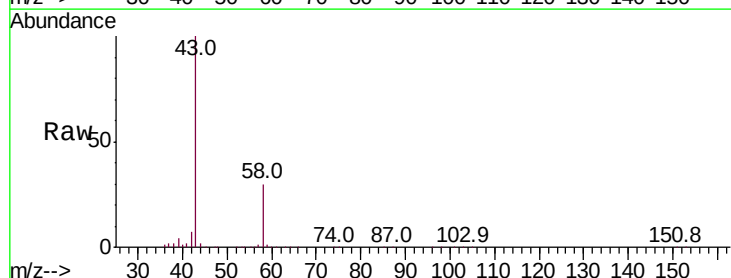
RT: 2.45 min Scan# 212

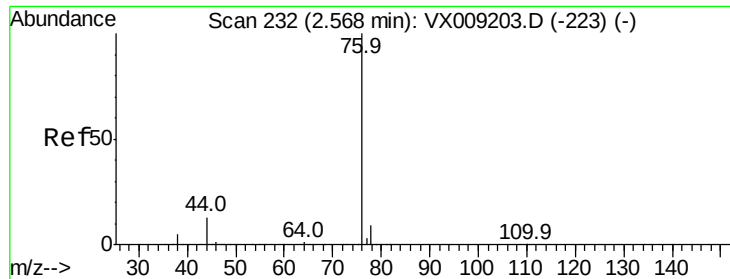
Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion	43	Resp	281834
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.9	37.3





#17

Carbon Disulfide

Concen: 47.975 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion: 76 Resp: 209971

Ion Ratio Lower Upper

76 100

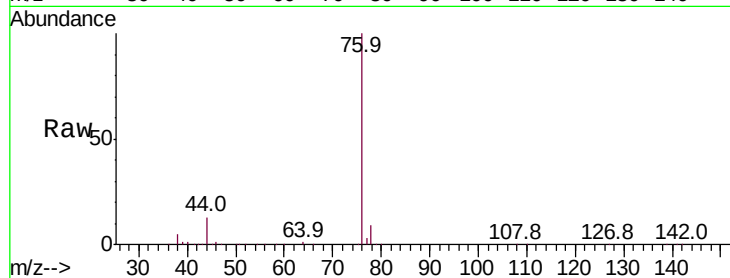
78 8.7 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

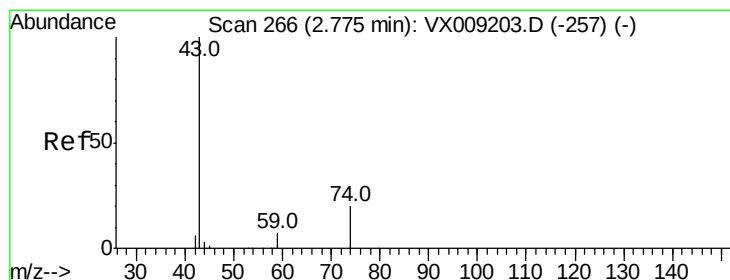
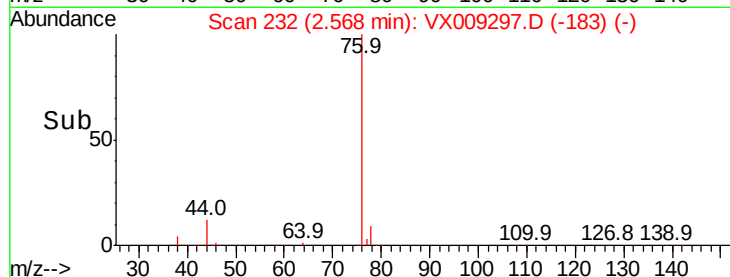
2.57

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.978 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009297.D

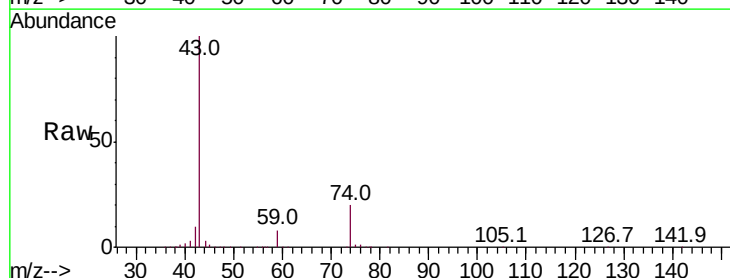
Acq: 03 May 2019 00:40

Tgt Ion: 43 Resp: 138959

Ion Ratio Lower Upper

43 100

74 20.5 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

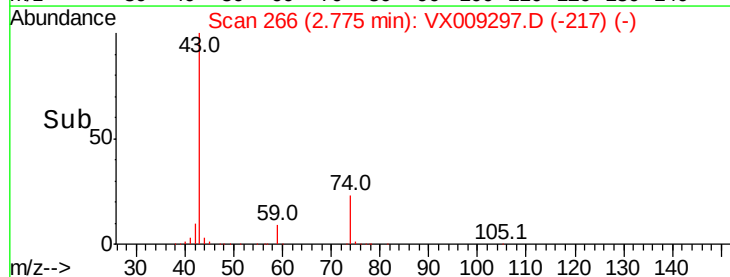
60000

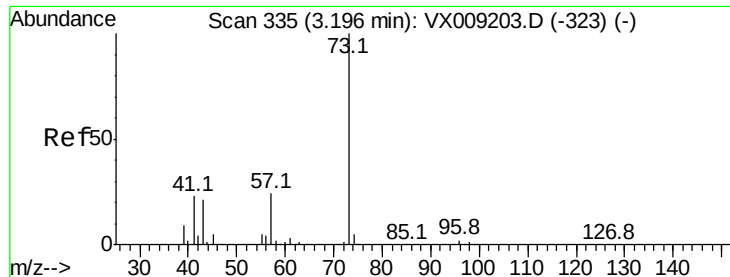
40000

20000

0

Time-->





#19

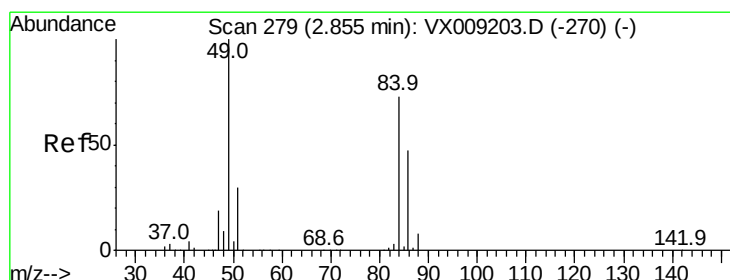
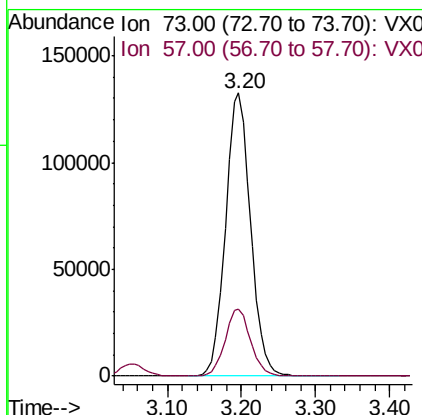
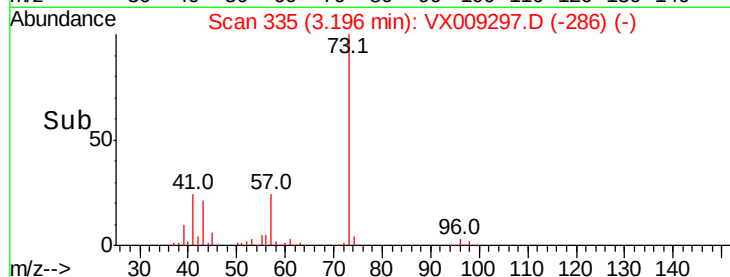
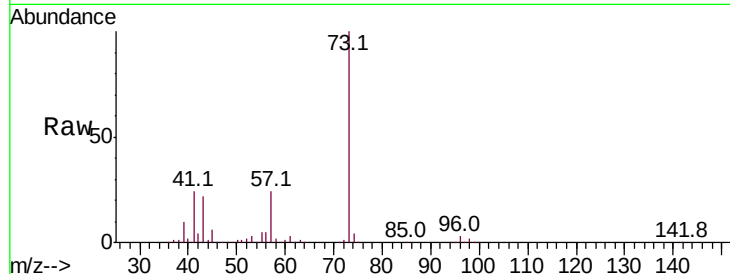
Methyl tert-butyl Ether
 Concen: 51.302 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MSD

Tot Ion: 73 Resp: 310560
 Ion Ratio Lower Upper
 73 100
 57 23.7 19.3 28.9

Manual Integrations
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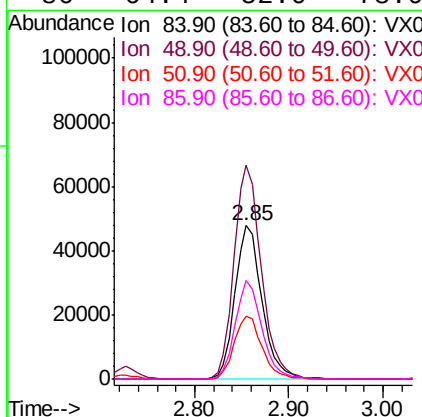
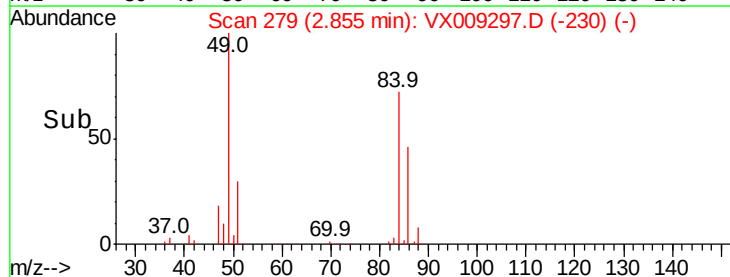
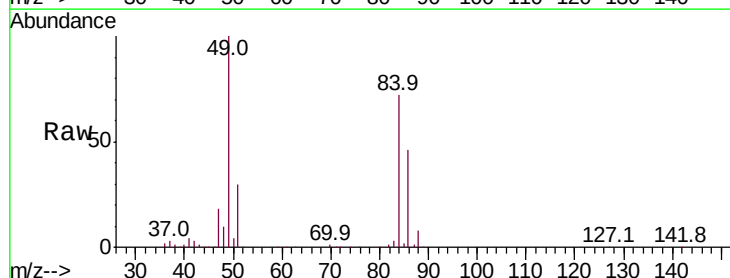
MMDadoda
 5/3/2019 11:18:50 AM

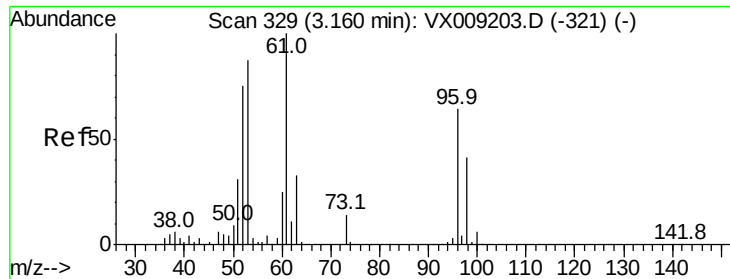


#20

Methylene Chloride
 Concen: 48.406 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Tgt Ion: 84 Resp: 95450
 Ion Ratio Lower Upper
 84 100
 49 139.2 109.9 164.9
 51 41.3 32.7 49.1
 86 64.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 50.244 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

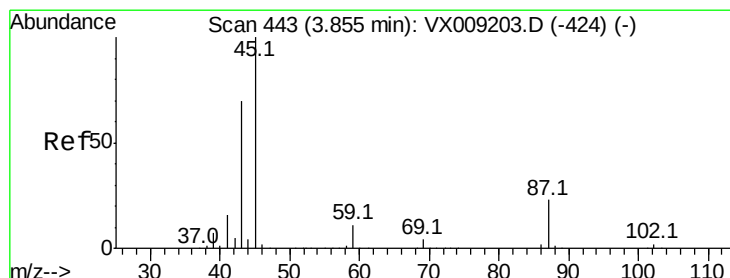
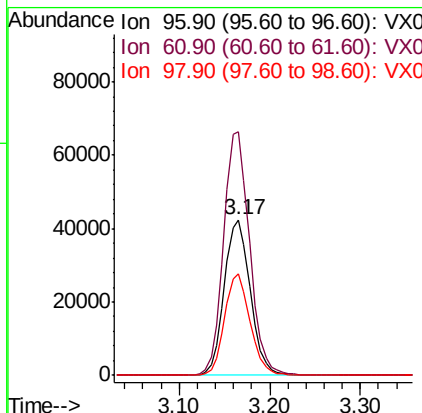
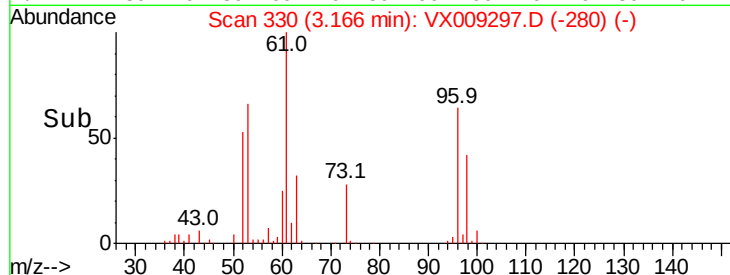
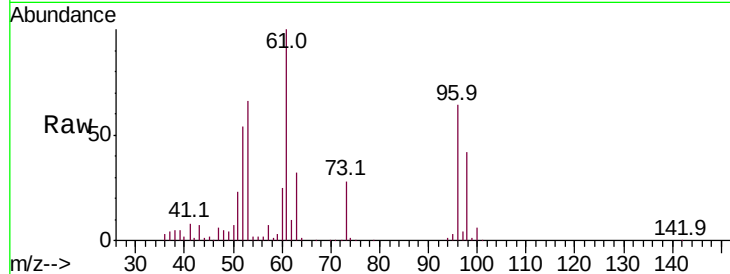
ClientSampleId :

SS050MW641-190429MSD

Tot Ion:	96	Resp:	84944
Ion Ratio	Lower	Upper	
96	100		
61	156.4	124.5	186.7
98	65.4	50.4	75.6

Manual Integrations
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5/3/2019 11:18:50 AM



#22

Diisopropyl ether

Concen: 51.163 ug/l

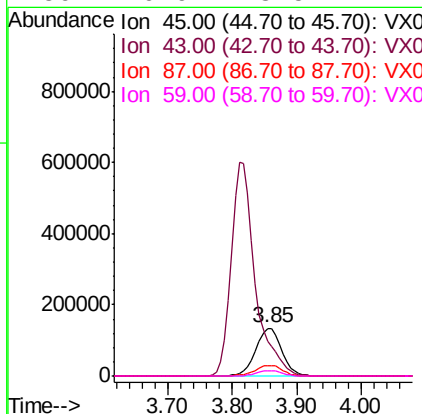
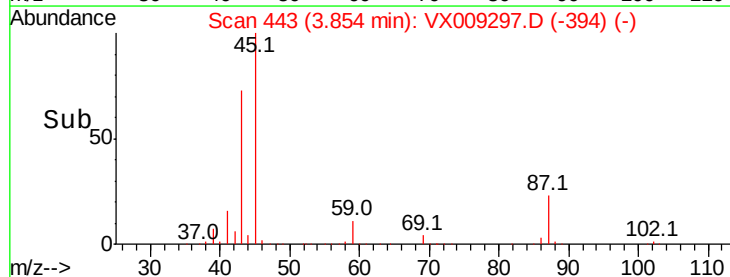
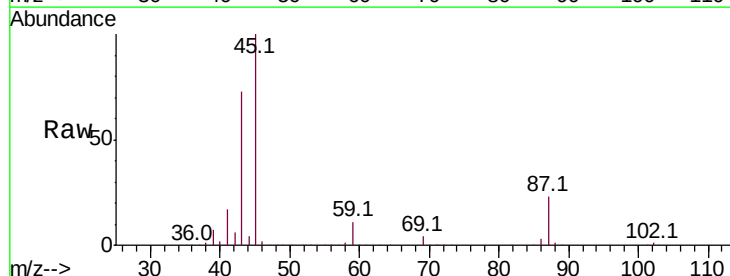
RT: 3.85 min Scan# 443

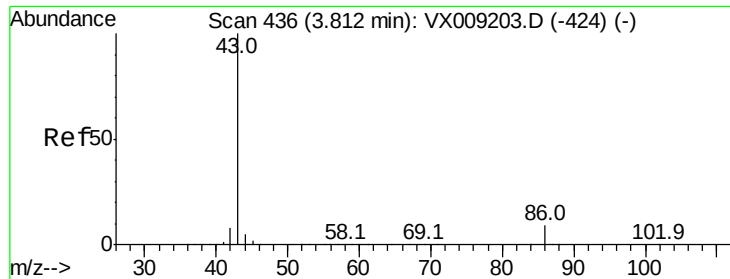
Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion:	45	Resp:	373793
Ion Ratio	Lower	Upper	
45	100		
43	73.0	56.1	84.1
87	22.7	18.1	27.1
59	10.9	8.5	12.7





#23

Vinyl Acetate

Concen: 250.869 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion: 43 Resp: 1569481

Ion Ratio Lower Upper

43 100

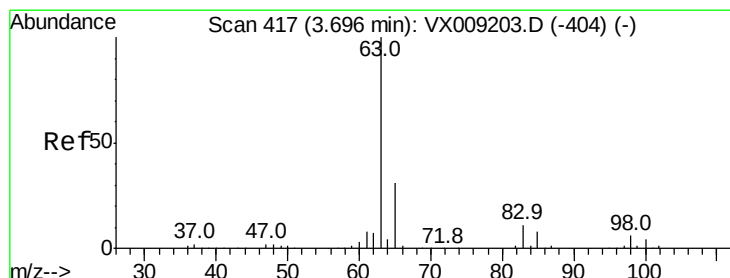
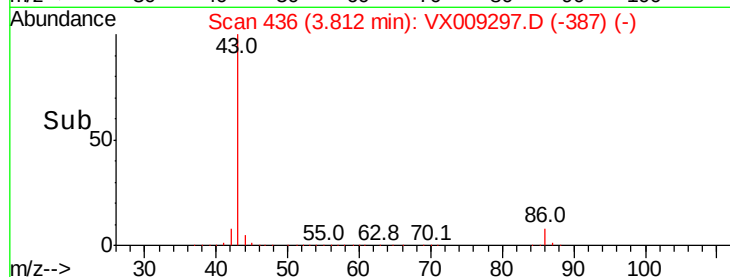
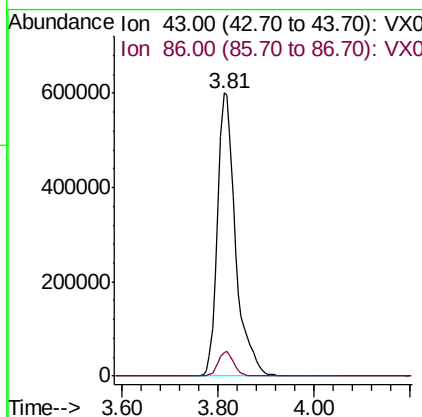
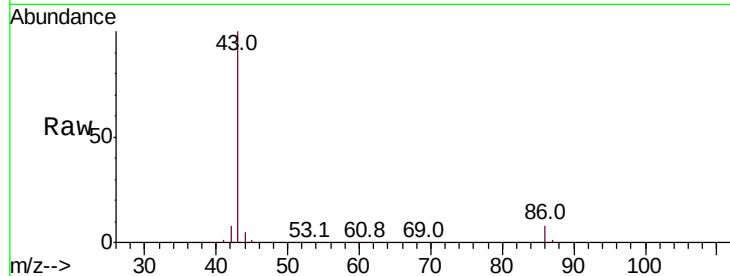
86 8.5 6.9 10.3

Manual Integrations

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MMDadoda

5/3/2019 11:18:50 AM



#24

1,1-Dichloroethane

Concen: 50.080 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

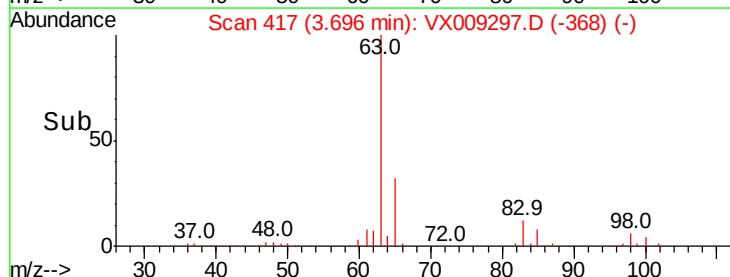
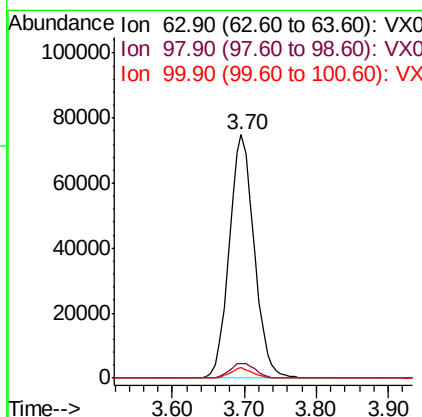
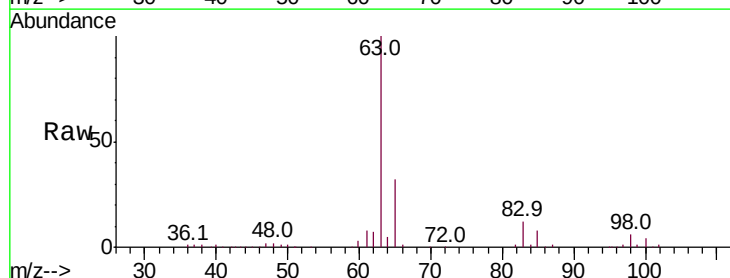
Tgt Ion: 63 Resp: 180496

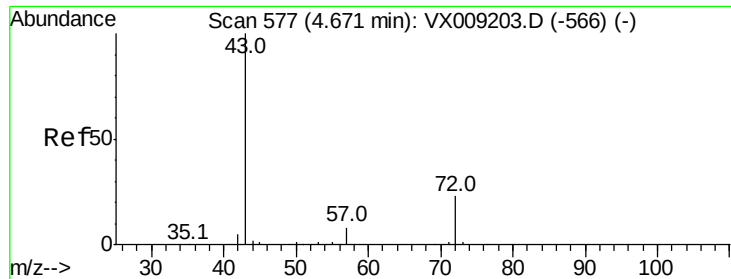
Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 257.396 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion: 43 Resp: 487121

Ion Ratio Lower Upper

43 100

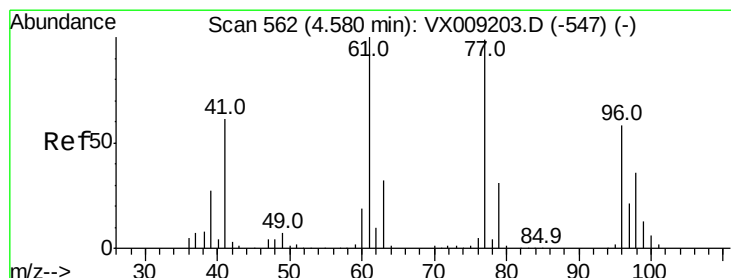
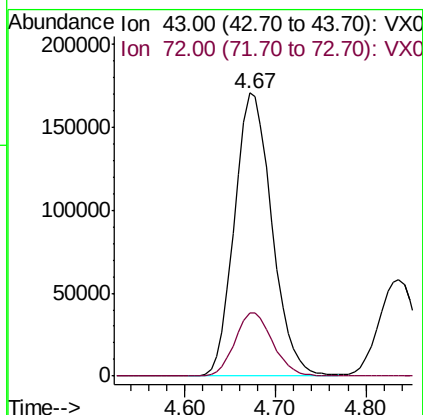
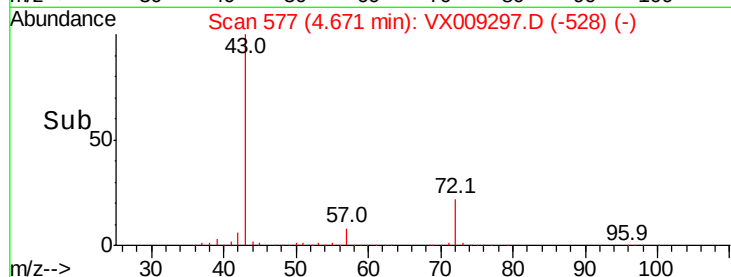
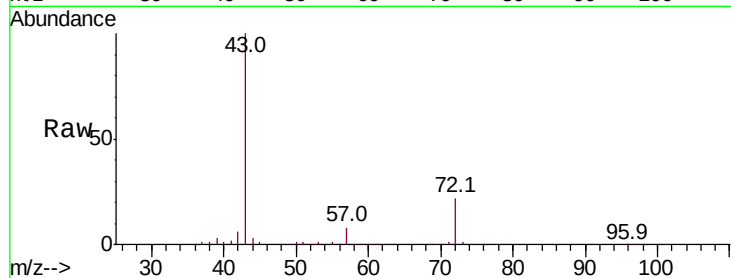
72 22.4 18.2 27.2

Manual Integrations

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MMDadoda

5/3/2019 11:18:50 AM



#26

2,2-Dichloropropane

Concen: 34.158 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009297.D

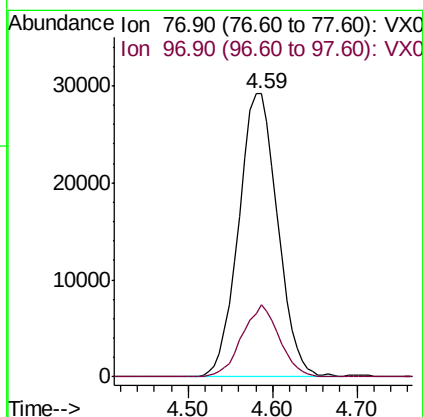
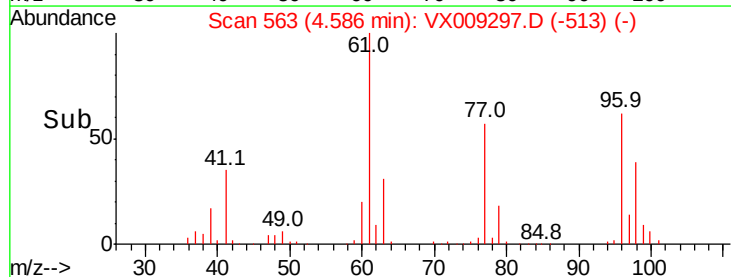
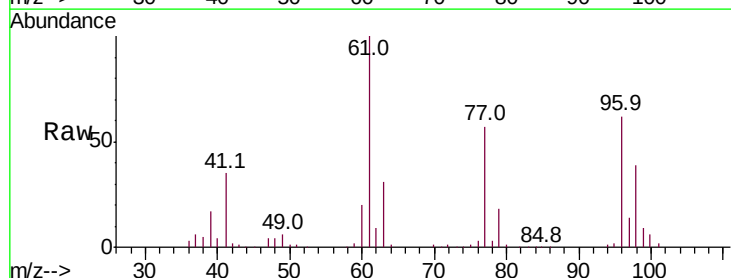
Acq: 03 May 2019 00:40

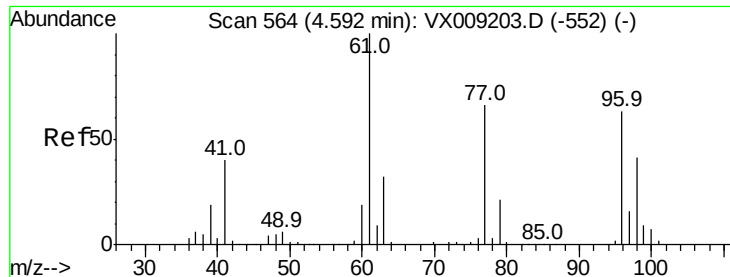
Tgt Ion: 77 Resp: 91635

Ion Ratio Lower Upper

77 100

97 24.4 11.5 34.4





#27

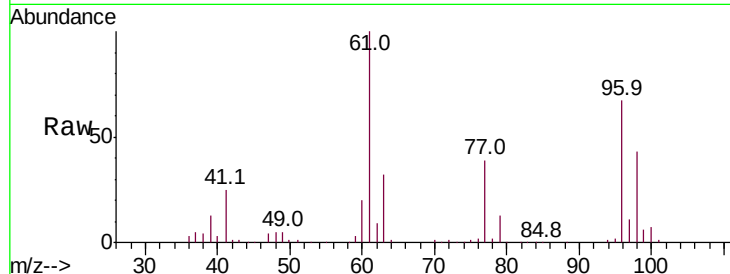
cis-1,2-Dichloroethene
 Concen: 50.422 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MSD

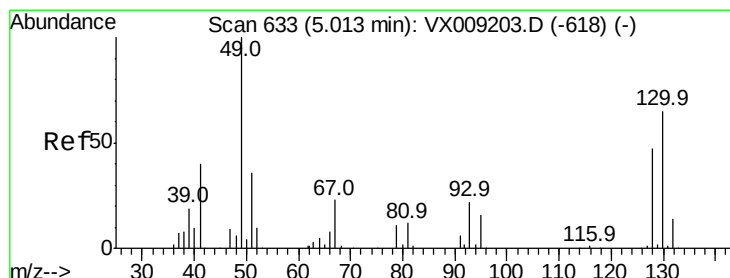
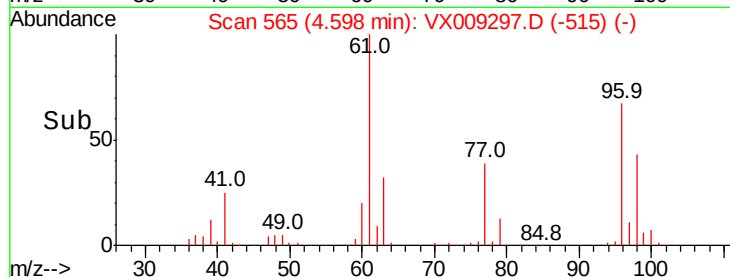
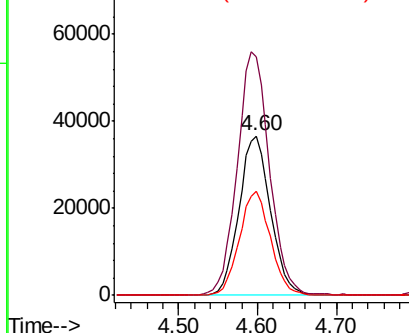
Tot Ion	Ratio	Lower	Upper
96	100		
61	156.8	0.0	324.0
98	64.7	0.0	130.4

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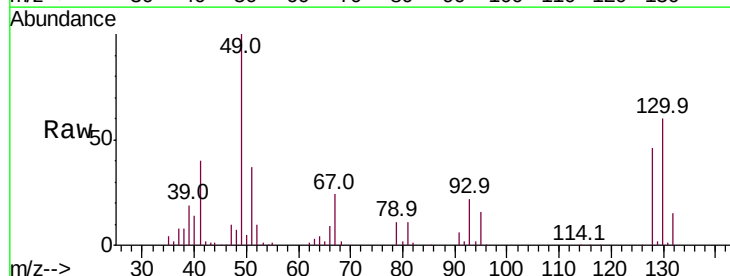
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



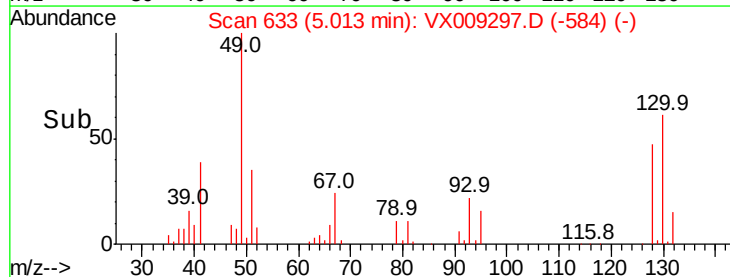
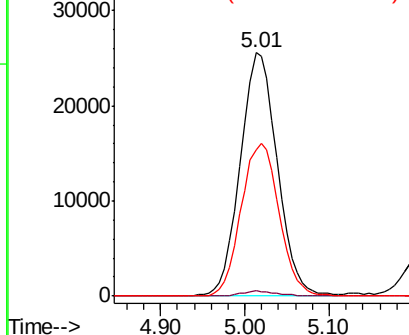
#28

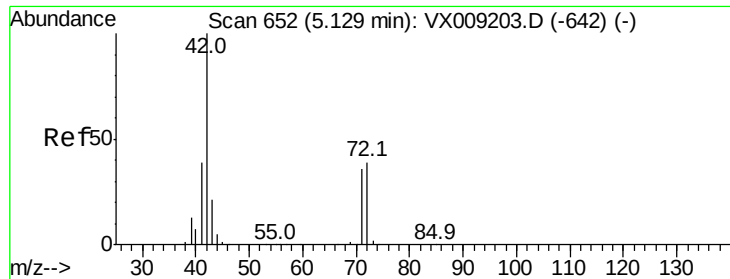
Bromochloromethane
 Concen: 52.784 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	64.5	51.2	76.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 267.584 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

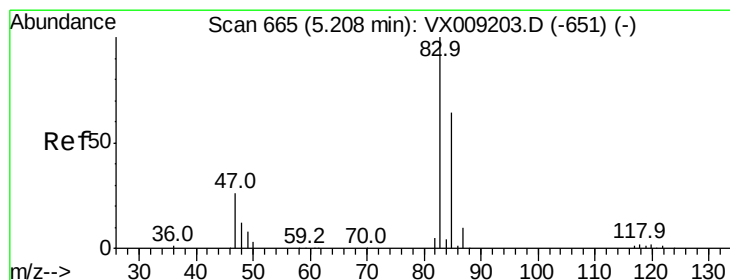
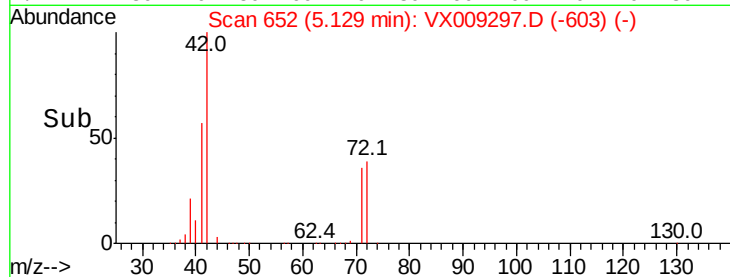
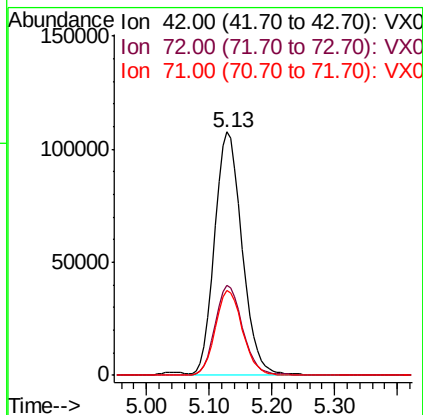
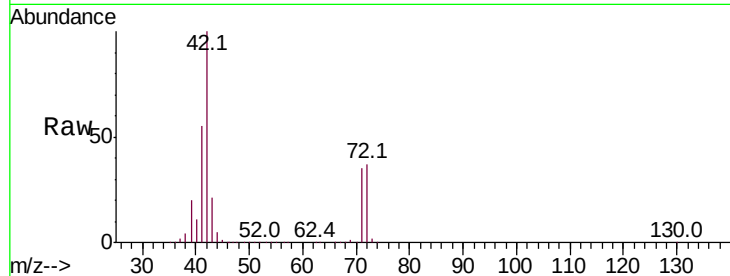
ClientSampleId :

SS050MW641-190429MSD

Tot Ion:	42	Resp:	325867
Ion Ratio	Lower	Upper	
42	100		
72	37.3	30.4	45.6
71	35.0	28.6	43.0

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#30

Chloroform

Concen: 50.562 ug/l

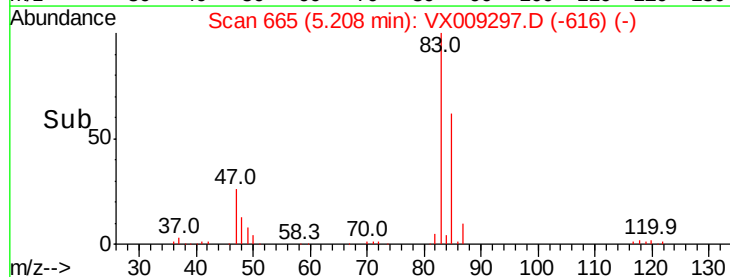
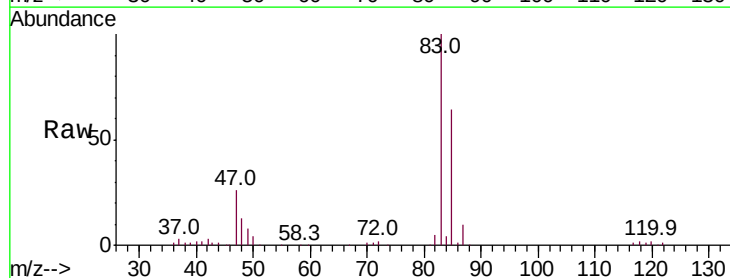
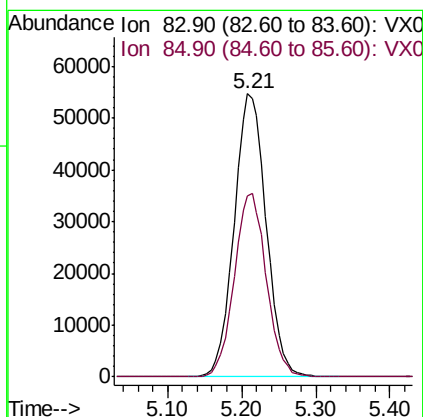
RT: 5.21 min Scan# 665

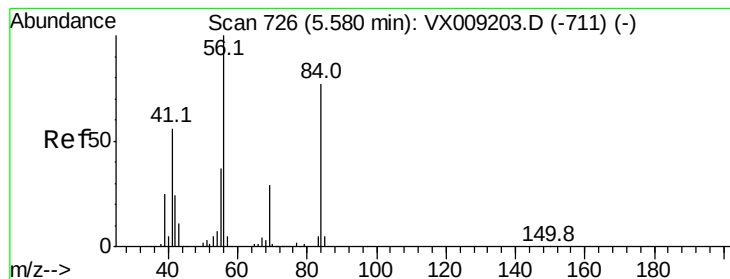
Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion:	83	Resp:	164817
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.5	77.3





#31

Cyclohexane

Concen: 49.119 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion: 56 Resp: 164703

Ion Ratio Lower Upper

56 100

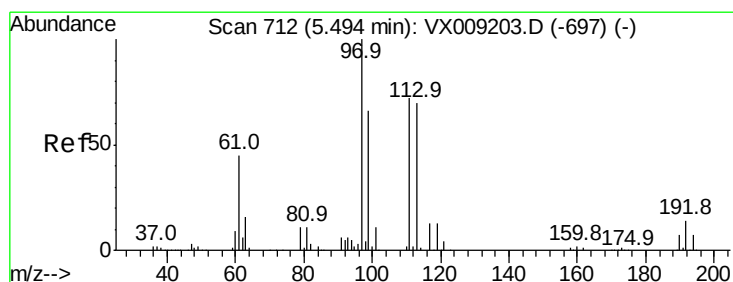
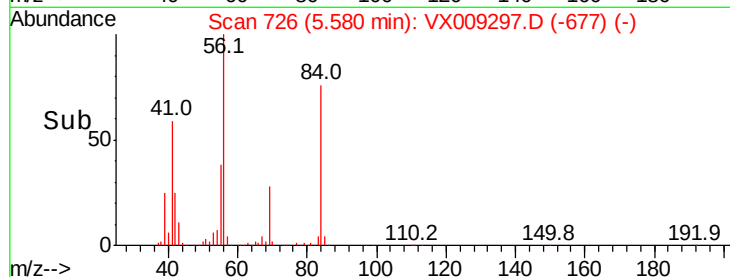
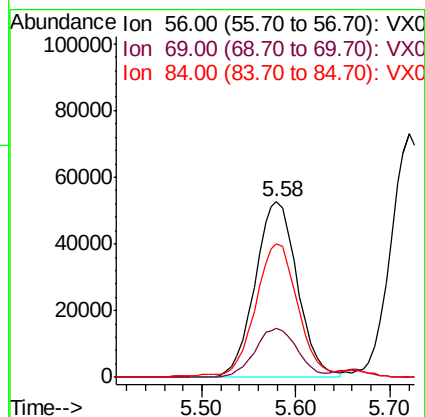
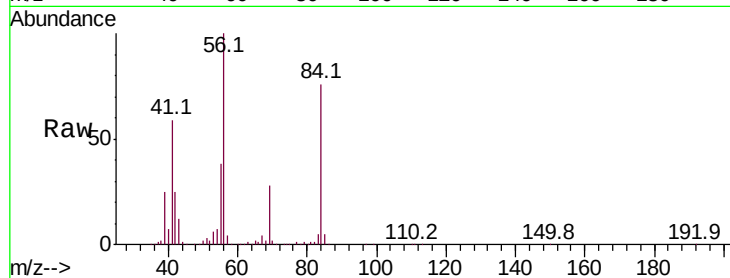
69 27.7 23.4 35.0

84 75.0 61.9 92.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.964 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

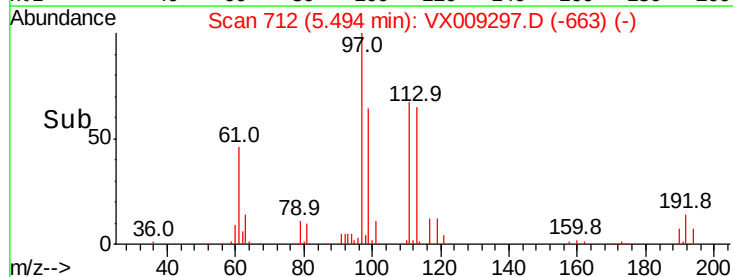
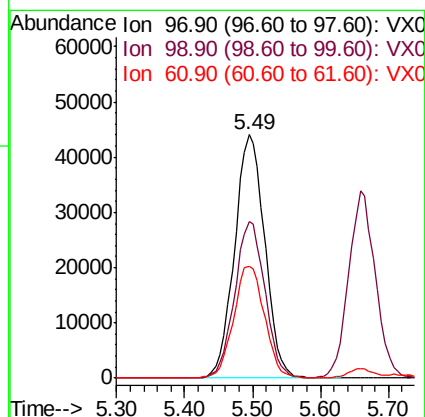
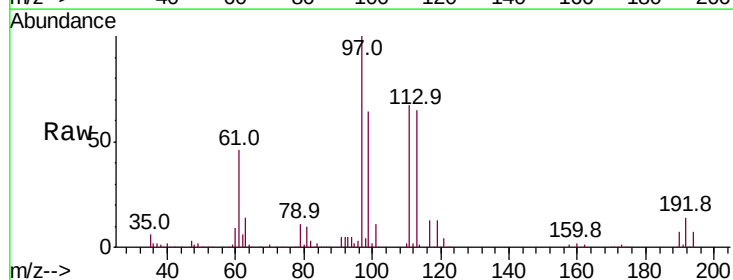
Tgt Ion: 97 Resp: 135579

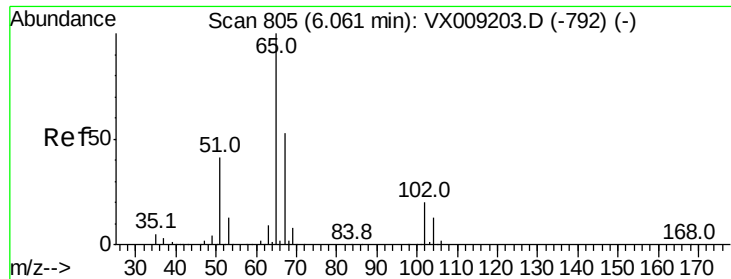
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

61 47.3 37.8 56.8





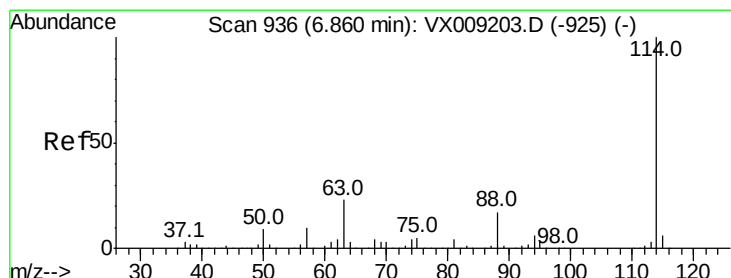
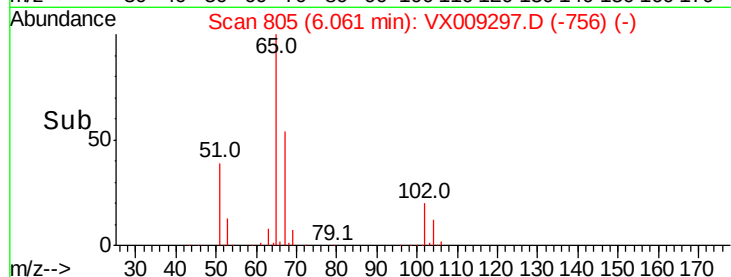
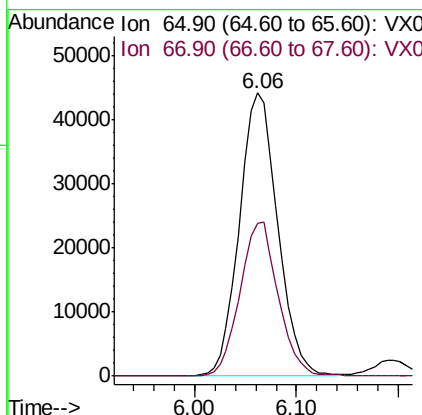
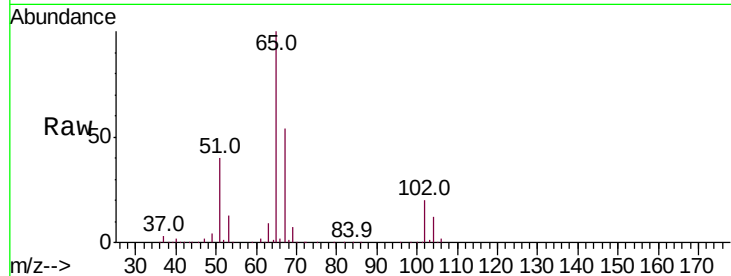
#33
 1,2-Dichloroethane-d4
 Concen: 50.922 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.6

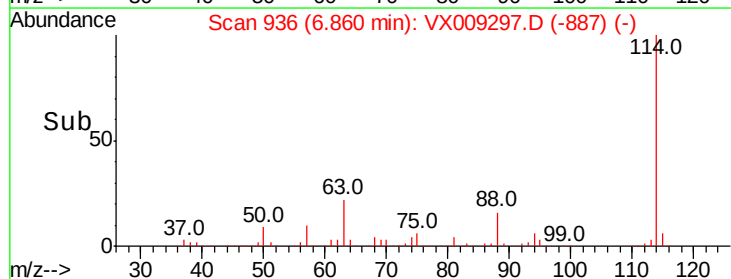
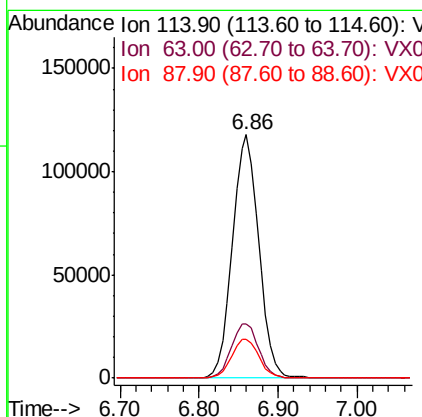
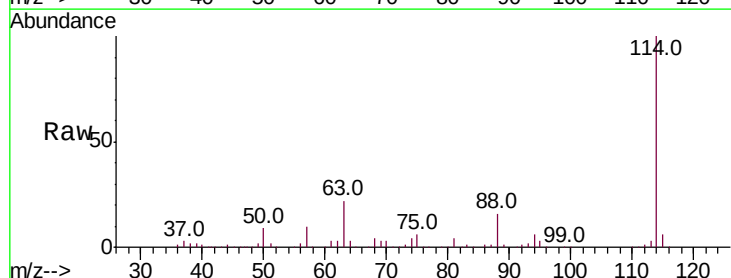
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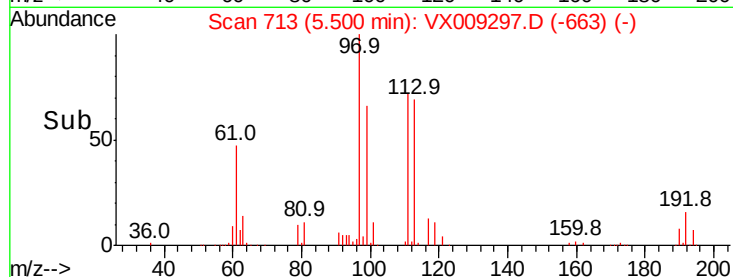
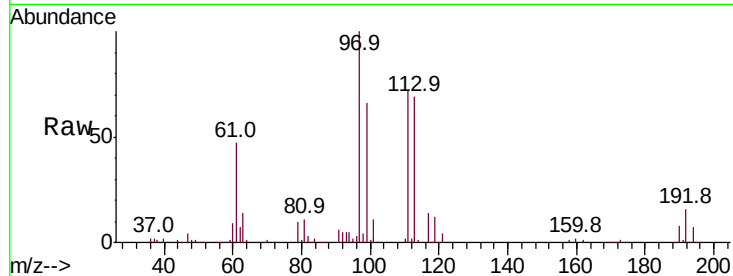
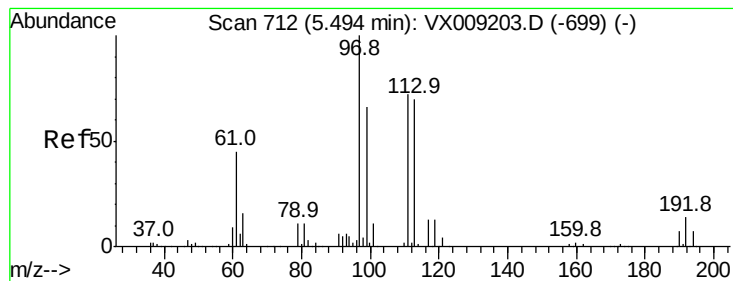
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.6
88	16.0	0.0	33.2





#35

Dibromofluoromethane

Concen: 49.519 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tot Ion:	113	Resp:	85411
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.8	124.2
192	22.2	17.0	25.6

Instrument :

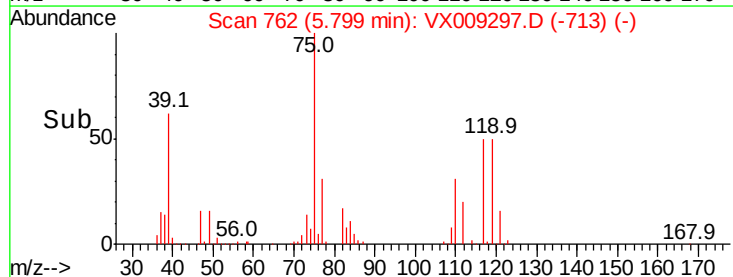
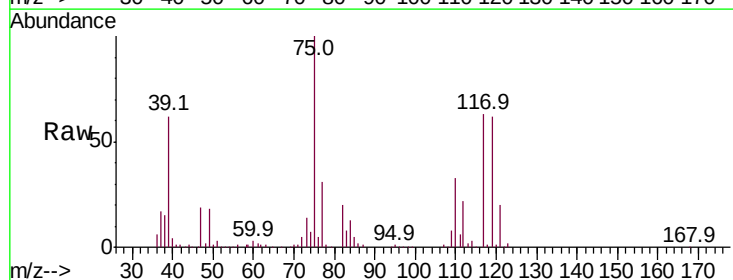
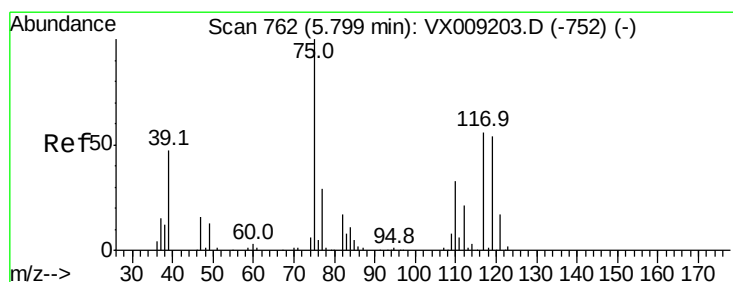
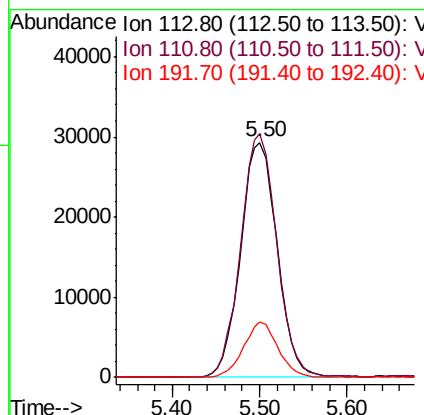
MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

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#36

1,1-Dichloropropene

Concen: 47.945 ug/l

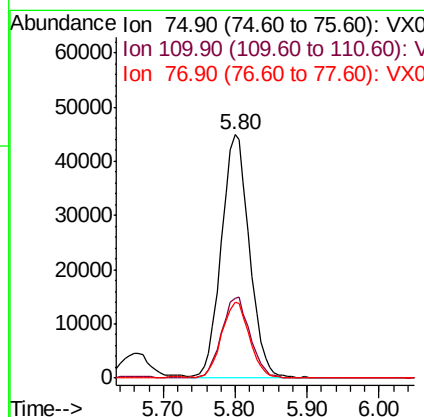
RT: 5.80 min Scan# 762

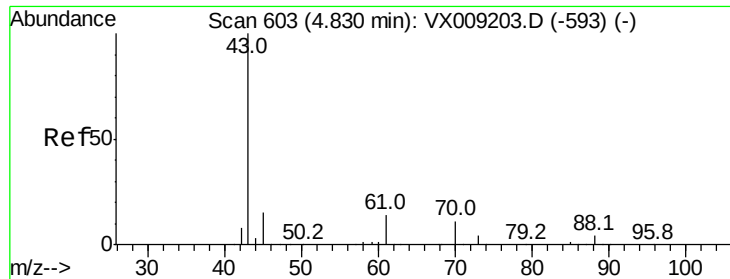
Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion:	75	Resp:	122247
Ion Ratio	Lower	Upper	
75	100		
110	33.6	16.9	50.6
77	30.6	24.8	37.2





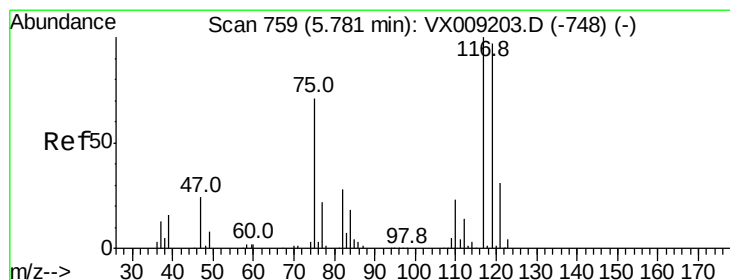
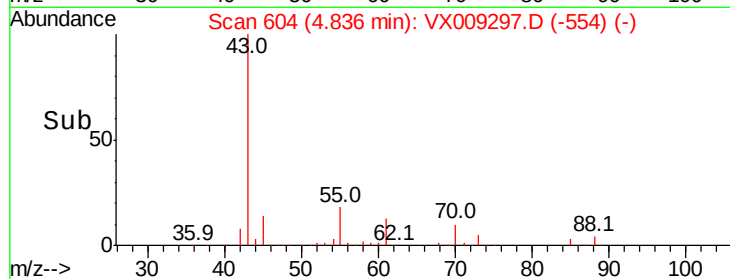
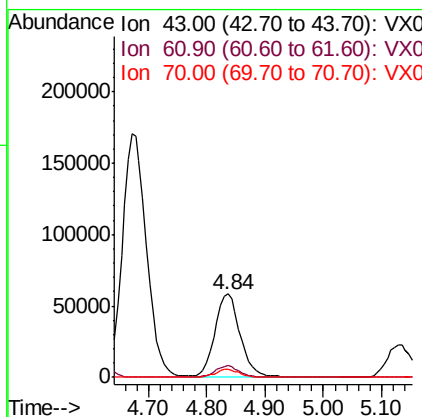
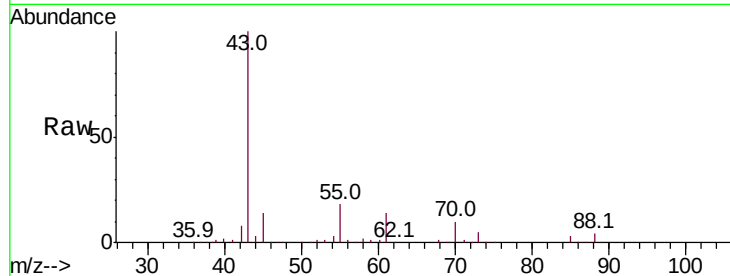
#37
Ethyl Acetate
Concen: 49.324 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.5	15.7
70	9.4	7.9	11.9

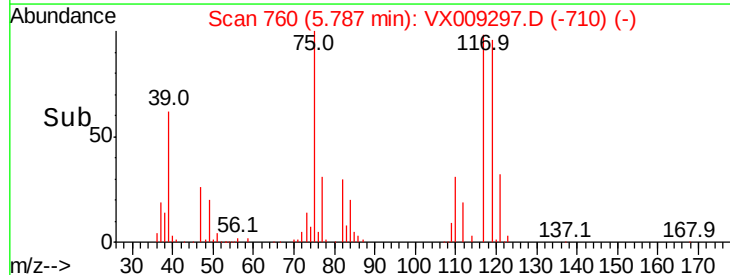
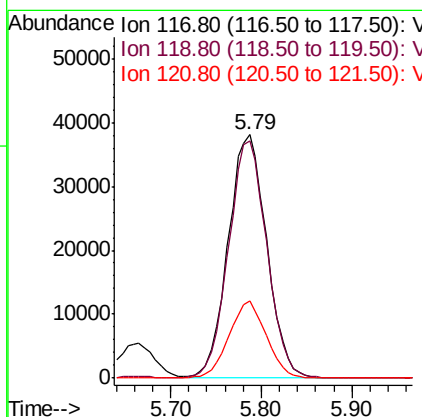
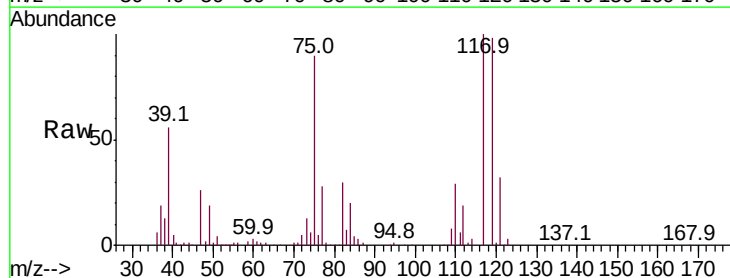
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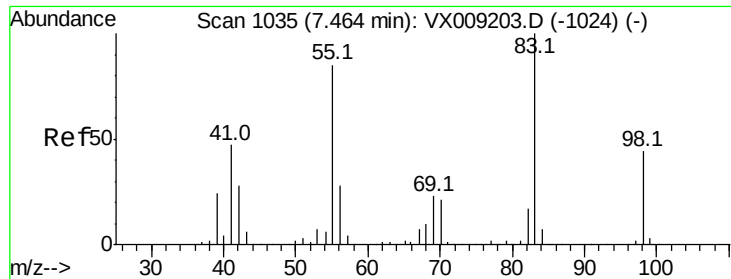
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#38
Carbon Tetrachloride
Concen: 48.393 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.5	116.3
121	31.7	24.7	37.1





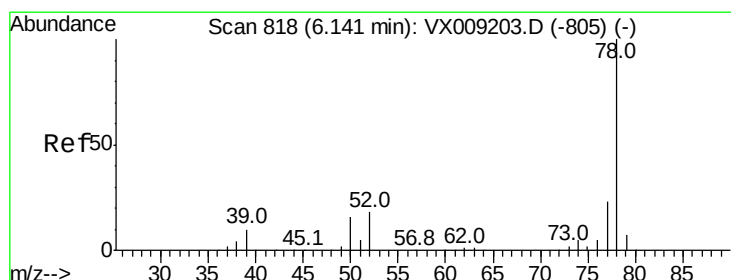
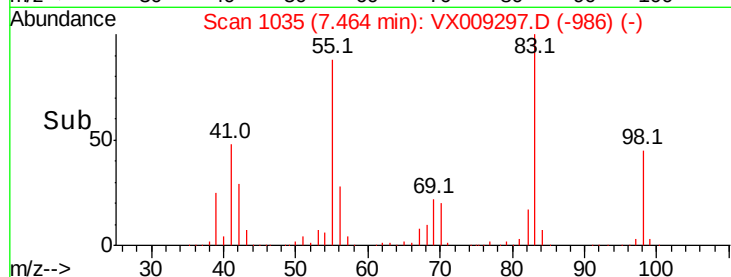
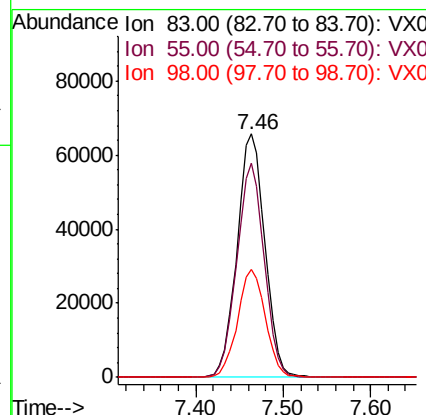
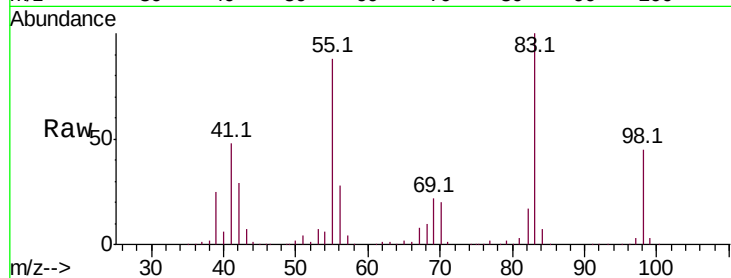
#39
Methvlcvclohexane
Concen: 46.385 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.7	67.7	101.5
98	44.6	35.5	53.3

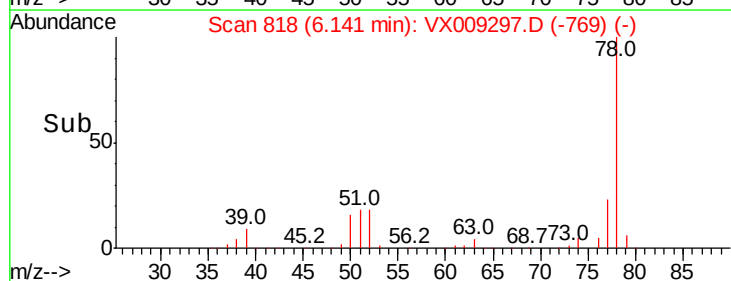
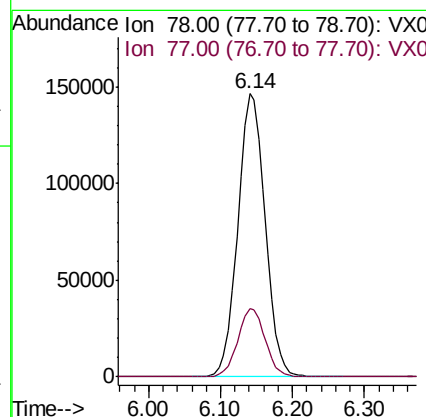
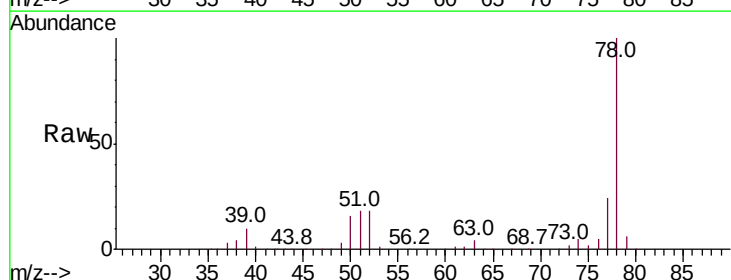
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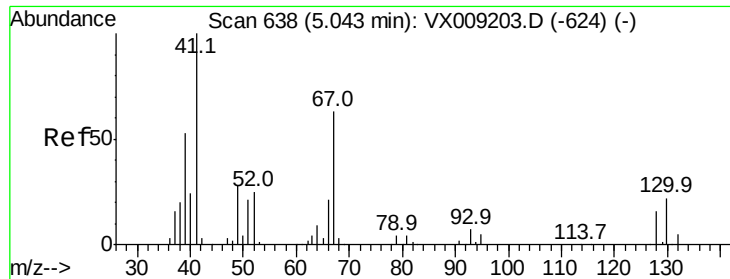
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#40
Benzene
Concen: 48.911 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





#41

Methacrylonitrile

Concen: 49.851 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion: 41 Resp: 105422

Ion Ratio Lower Upper

41 100

39 52.3 42.0 63.0

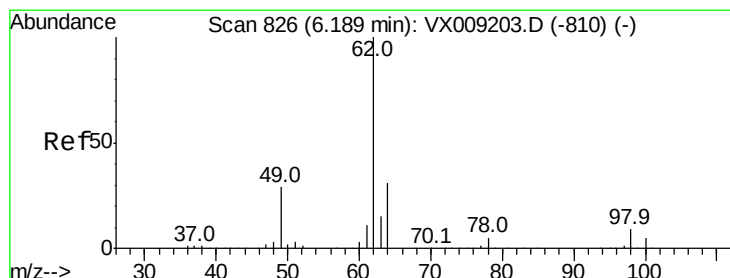
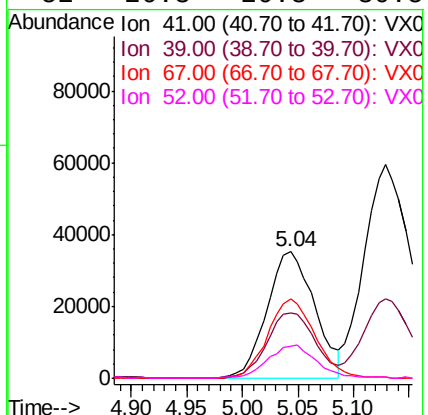
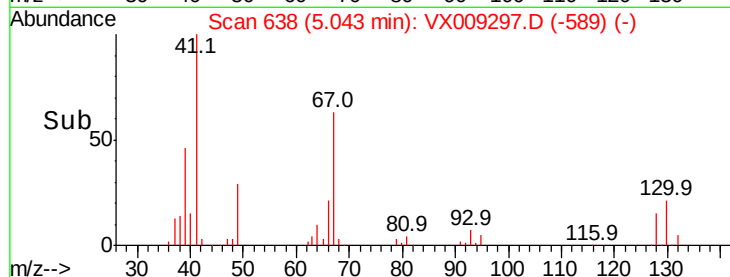
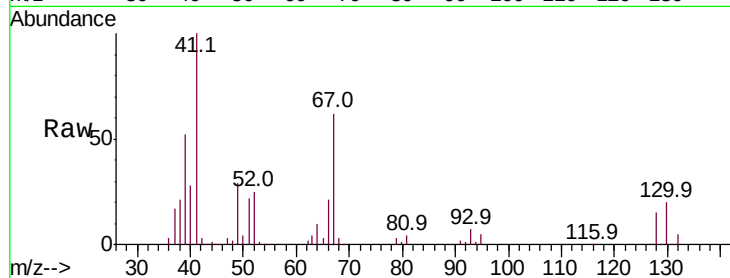
67 62.6 49.8 74.8

52 26.3 20.3 30.5

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.370 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009297.D

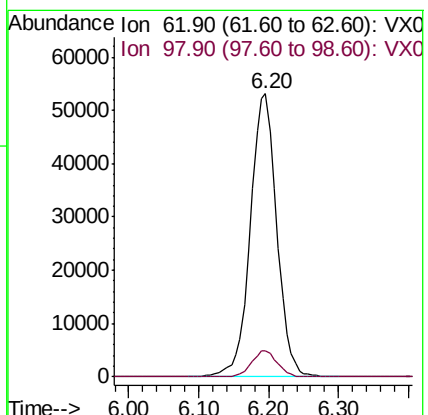
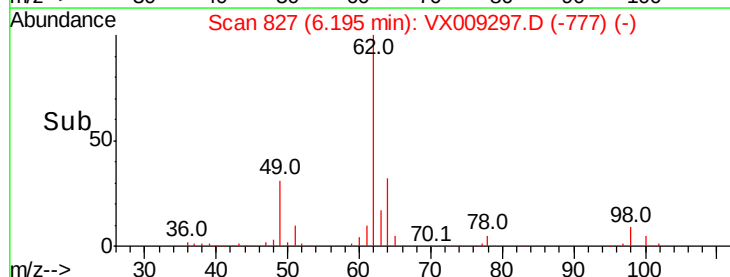
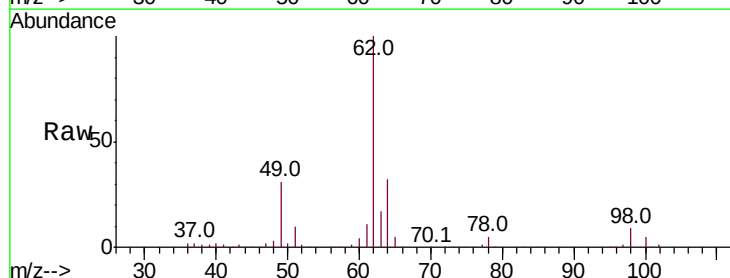
Acq: 03 May 2019 00:40

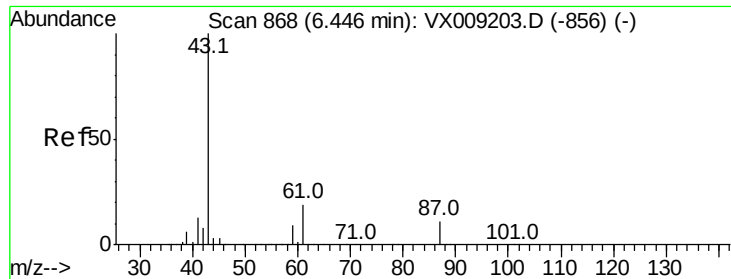
Tgt Ion: 62 Resp: 139750

Ion Ratio Lower Upper

62 100

98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 49.596 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

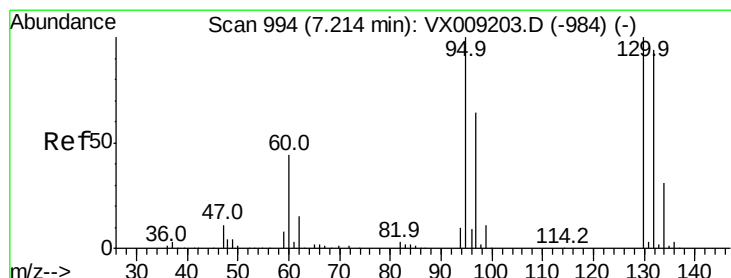
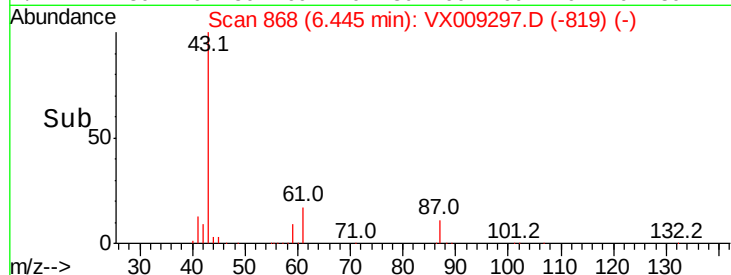
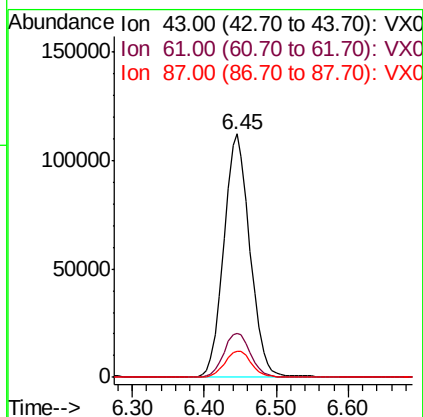
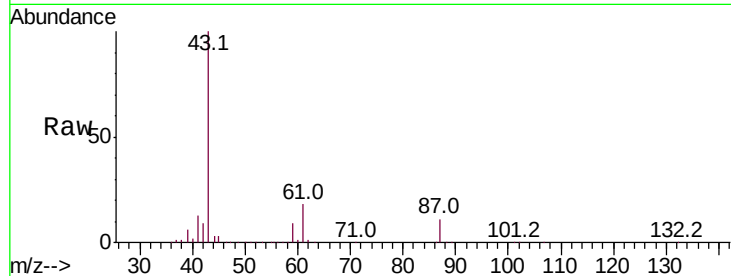
ClientSampleId :

SS050MW641-190429MSD

Tot Ion:	43	Resp:	281829
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.1	22.7
87	11.1	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 47.144 ug/l

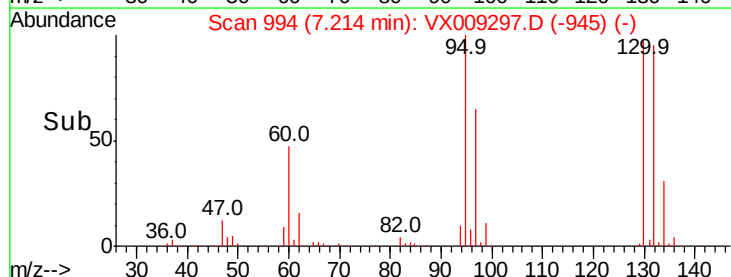
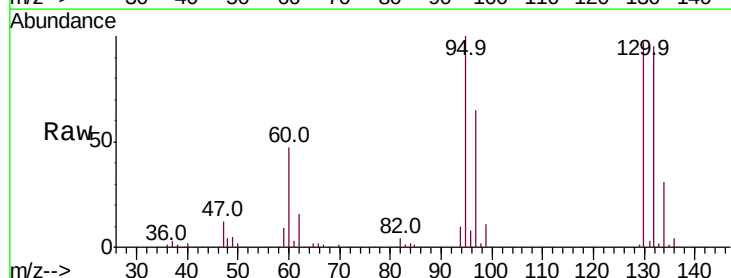
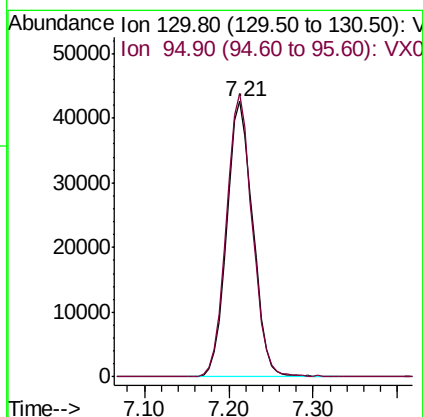
RT: 7.21 min Scan# 994

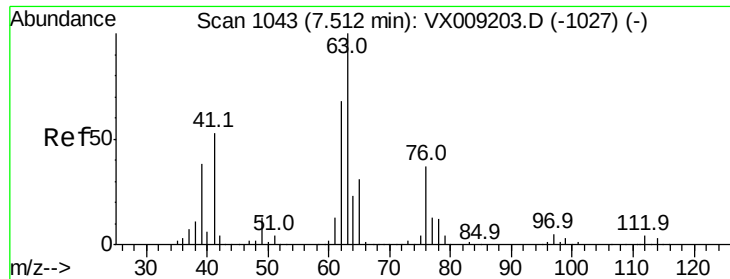
Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion:	130	Resp:	89935
Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	199.2





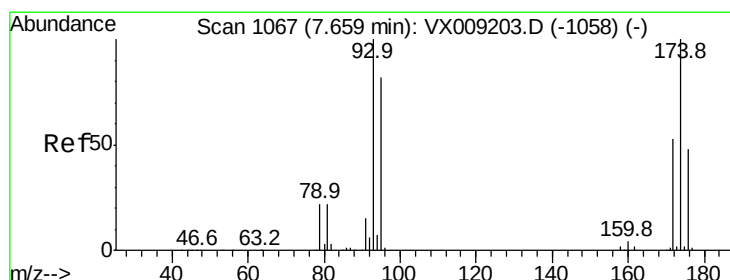
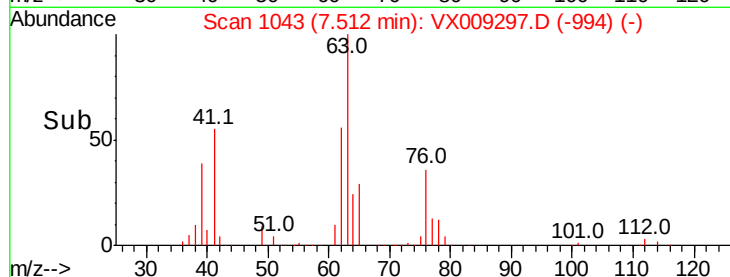
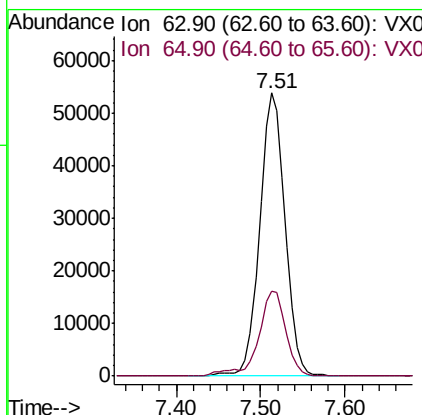
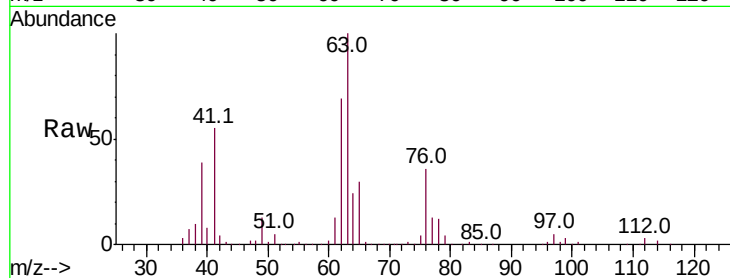
#45
 1,2-Dichloropropane
 Concen: 49.827 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MSD

Tot Ion: 63 Resp: 111334
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6

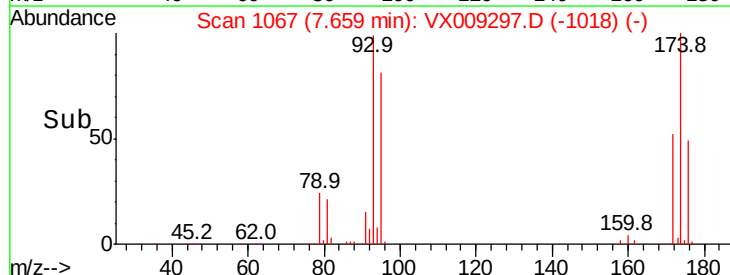
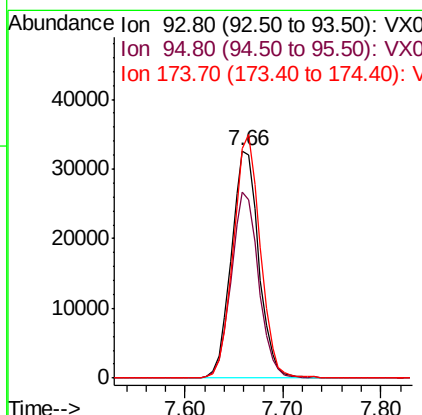
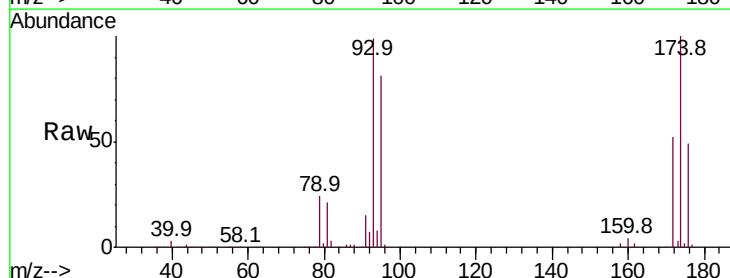
Manual Integrations
 APPROVED

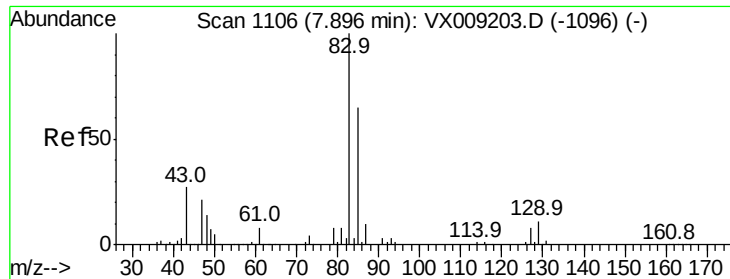
MMDadoda
 5/3/2019 11:18:50 AM



#46
 Dibromomethane
 Concen: 48.994 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Tgt Ion: 93 Resp: 63572
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.5 99.7
 174 104.9 82.1 123.1





#47

Bromodichloromethane

Concen: 49.570 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

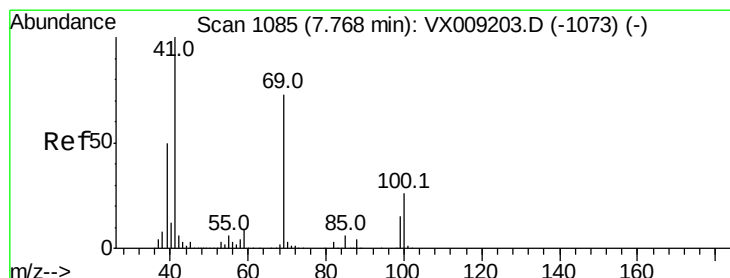
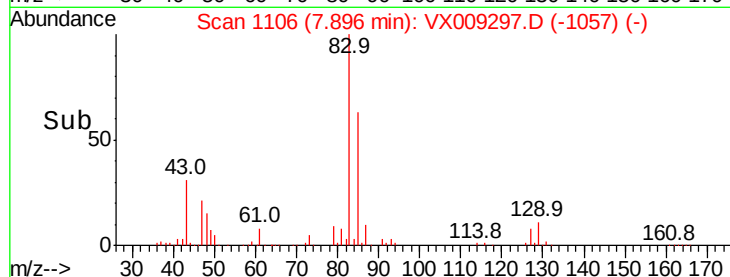
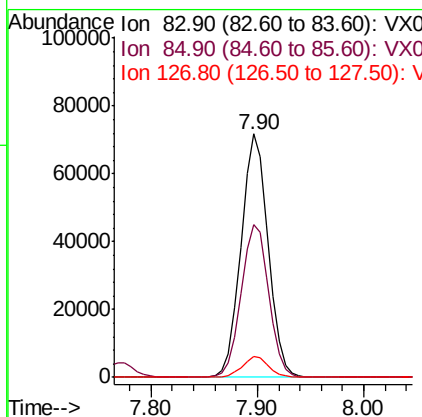
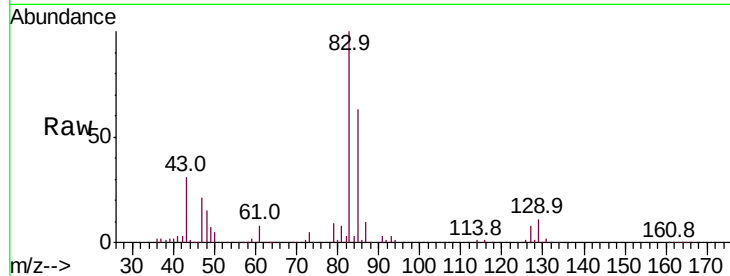
ClientSampleId :

SS050MW641-190429MSD

Tot Ion:	83	Resp:	128301
Ion Ratio	Lower	Upper	
83	100		
85	62.6	52.4	78.6
127	8.3	6.6	10.0

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#48

Methyl methacrylate

Concen: 51.864 ug/l

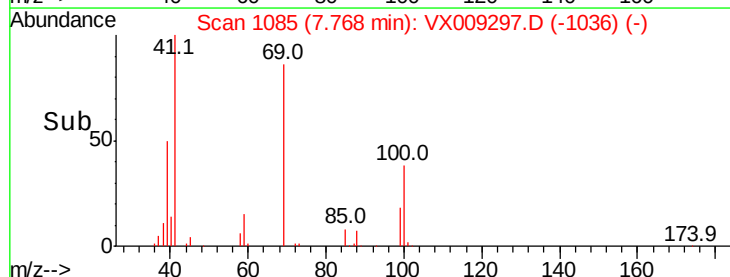
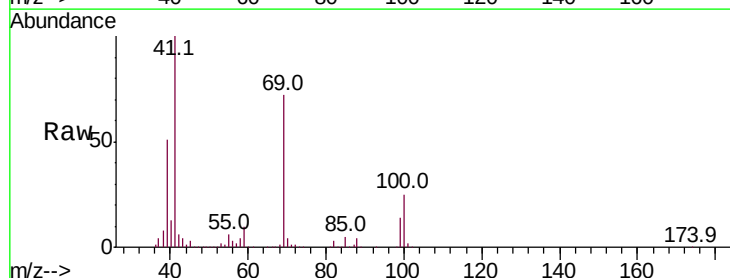
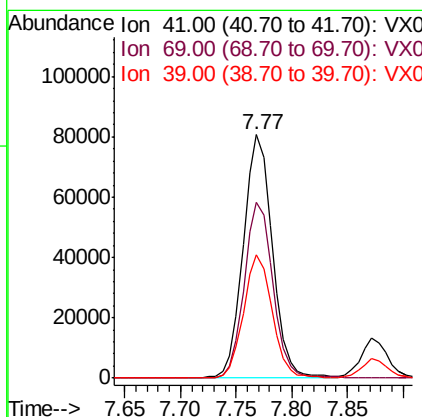
RT: 7.77 min Scan# 1085

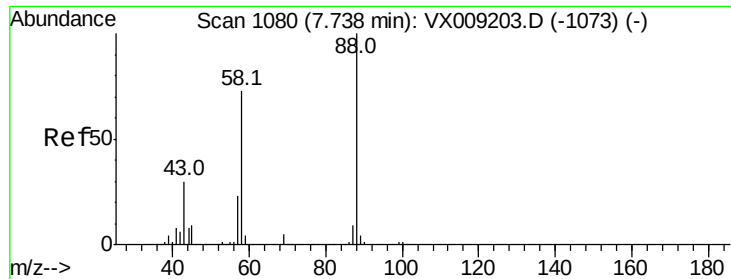
Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion:	41	Resp:	146218
Ion Ratio	Lower	Upper	
41	100		
69	72.0	59.1	88.7
39	49.7	40.4	60.6





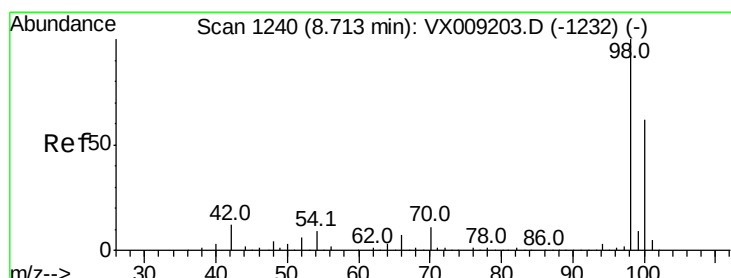
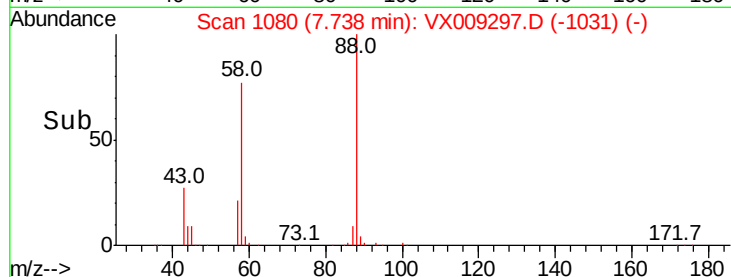
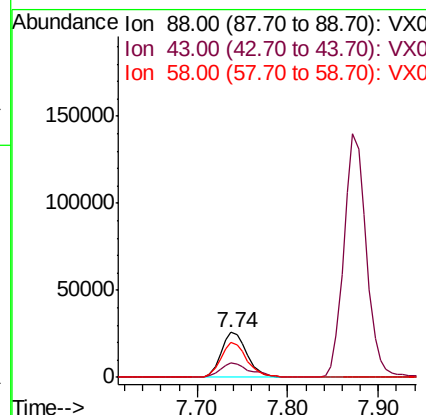
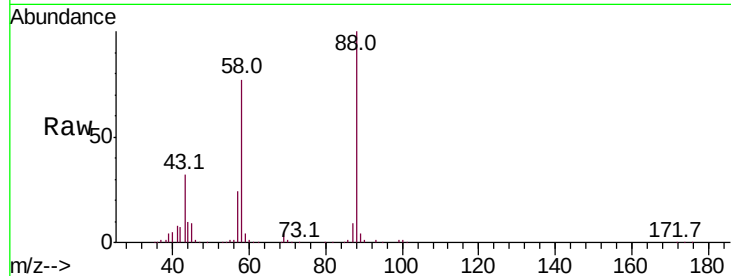
#49
1,4-Dioxane
Concen: 904.419 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	28.6	42.8
58	77.7	61.7	92.5

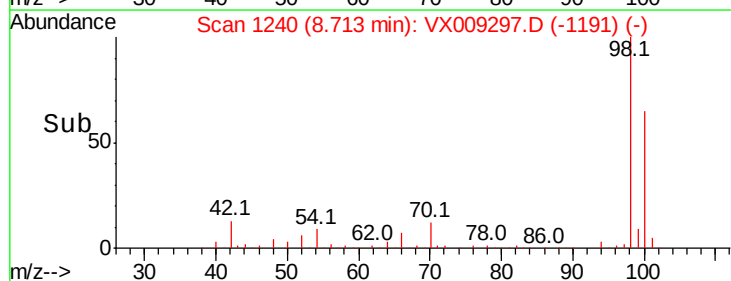
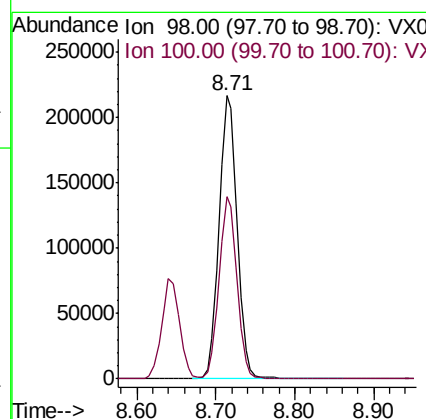
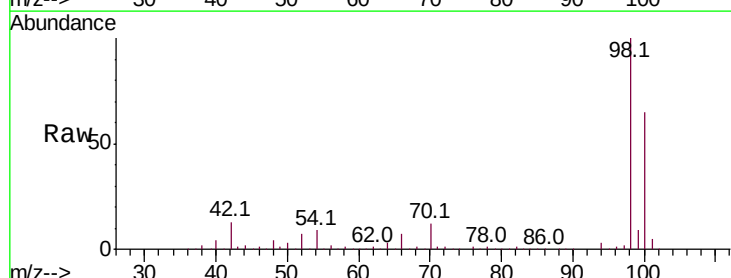
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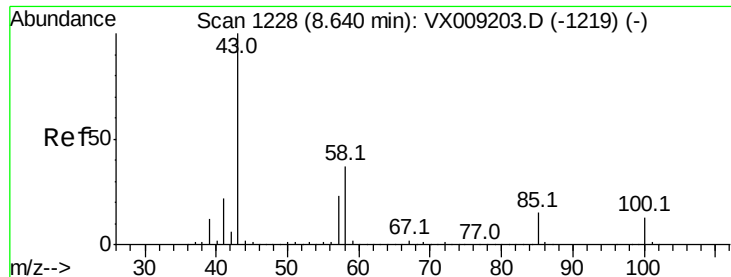
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#50
Toluene-d8
Concen: 49.699 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 258.355 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion: 43 Resp: 959587

Ion Ratio Lower Upper

43 100

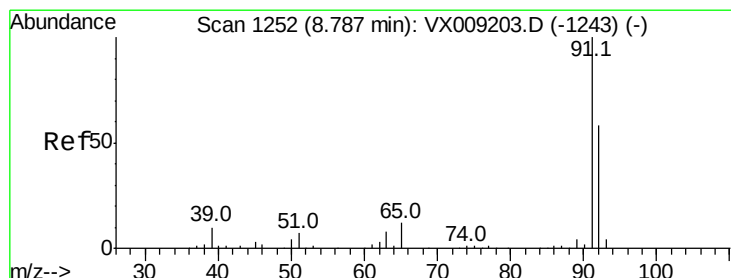
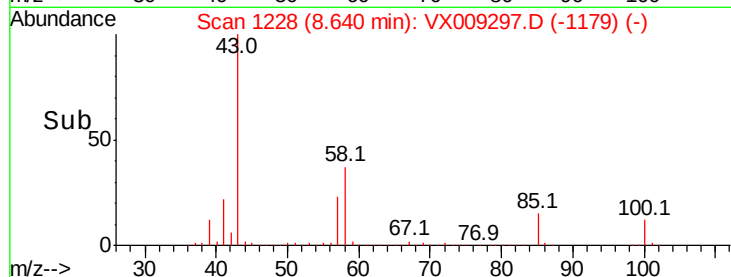
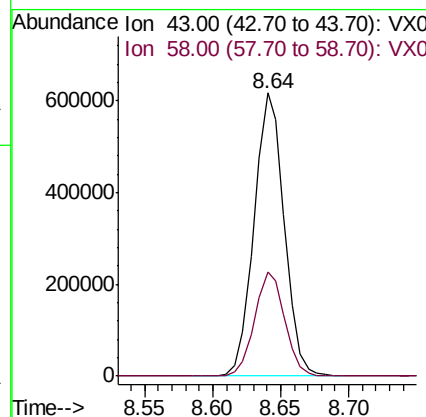
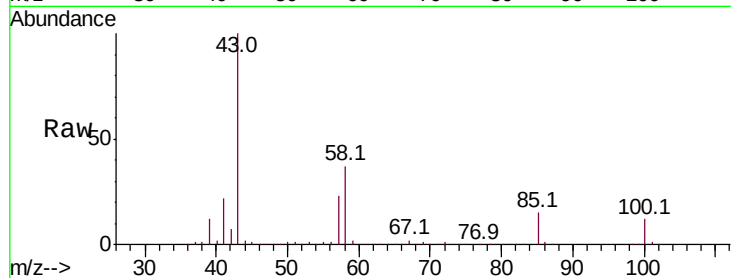
58 36.7 29.5 44.3

Manual Integrations

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#52

Toluene

Concen: 49.397 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009297.D

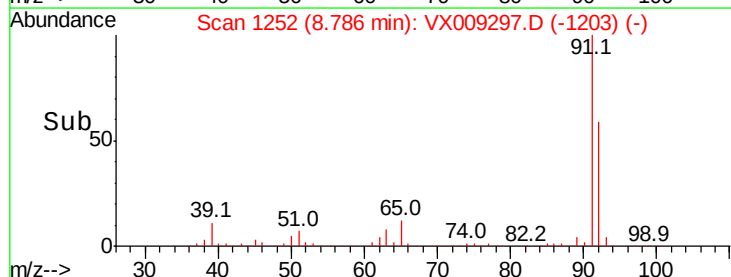
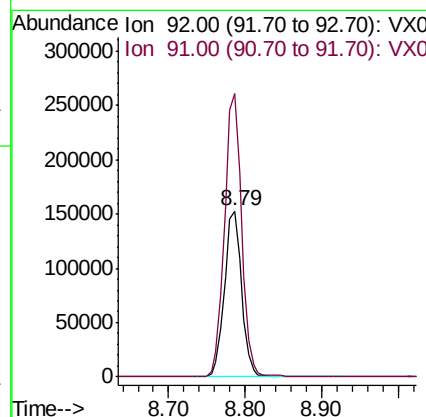
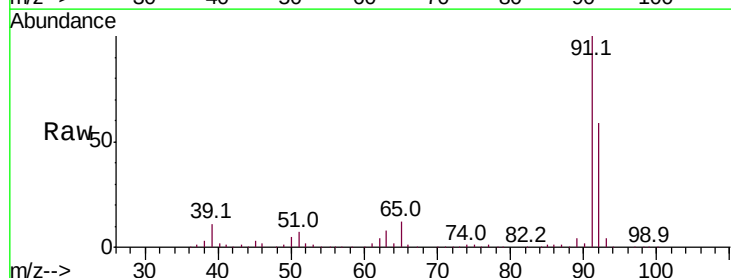
Acq: 03 May 2019 00:40

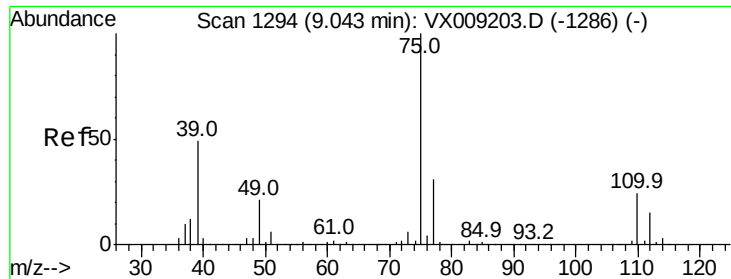
Tgt Ion: 92 Resp: 236945

Ion Ratio Lower Upper

92 100

91 171.2 138.8 208.2





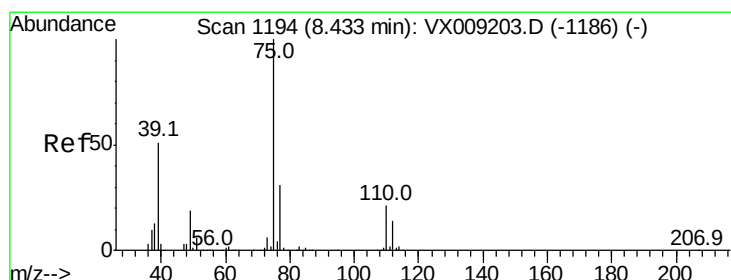
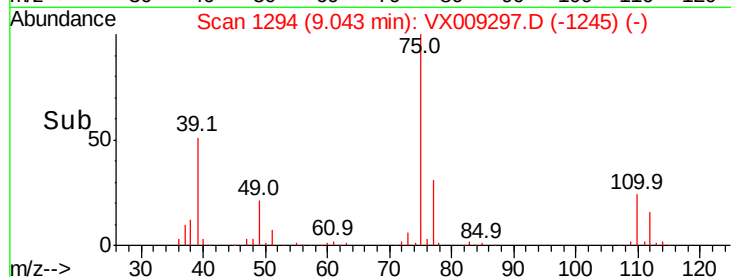
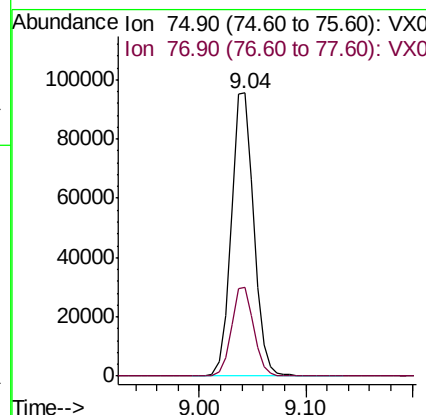
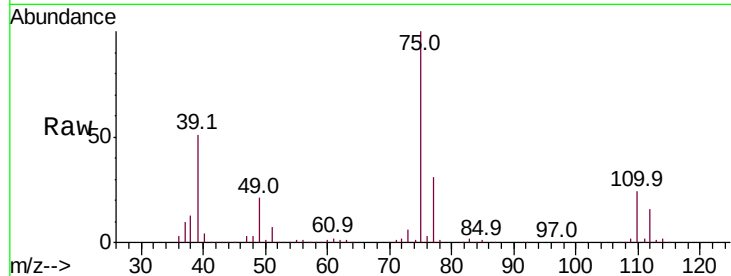
#53
t-1,3-Dichloropropene
Concen: 48.476 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MSD

Tot Ion: 75 Resp: 141656
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6

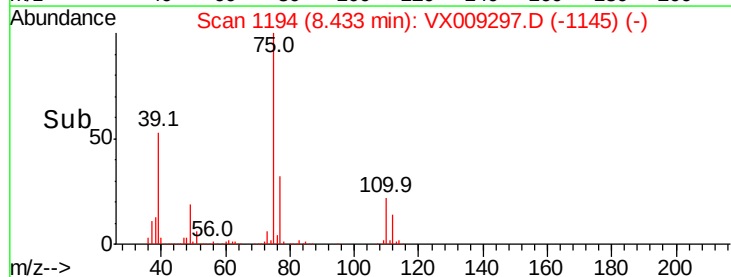
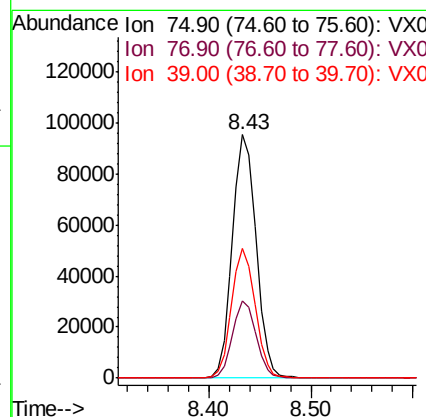
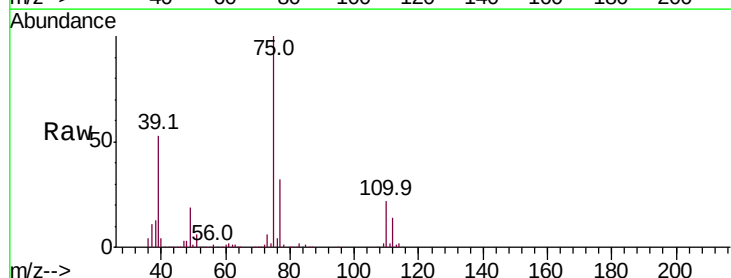
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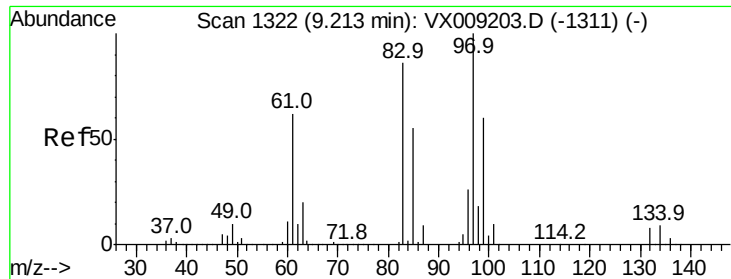
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#54
cis-1,3-Dichloropropene
Concen: 47.570 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Tgt Ion: 75 Resp: 153862
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 53.0 40.6 60.8





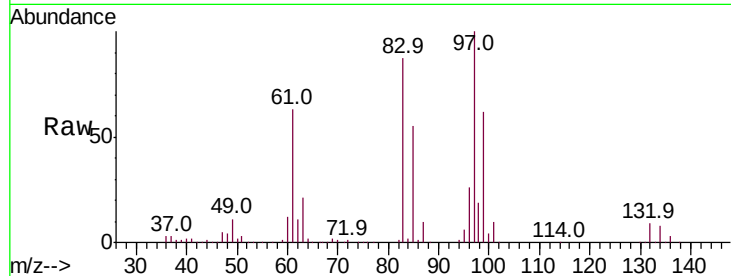
#55
1,1,2-Trichloroethane
Concen: 49.462 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		96794		
83	87.2	68.9	103.3		
85	54.9	43.8	65.6		
99	61.9	48.2	72.2		

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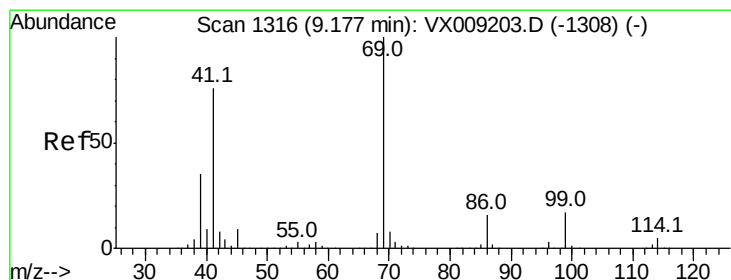
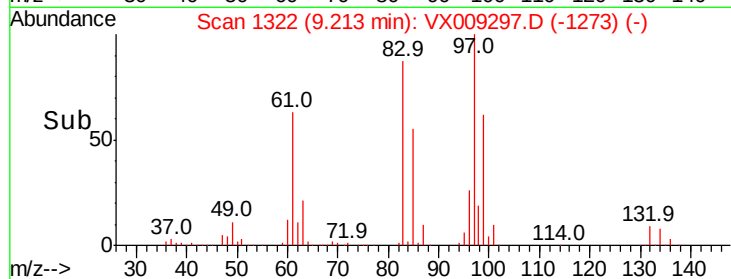
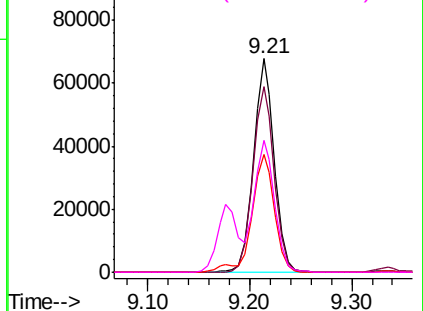
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

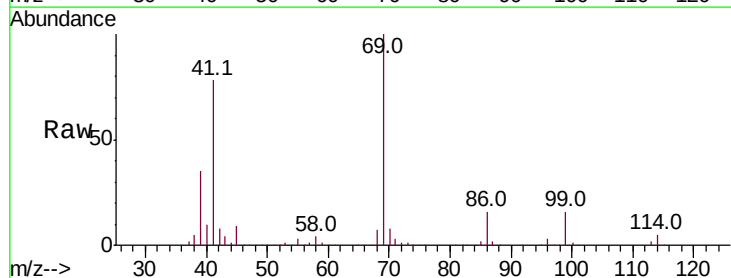
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 50.927 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		177901		
41	76.7	60.6	90.8		
39	35.6	28.2	42.4		

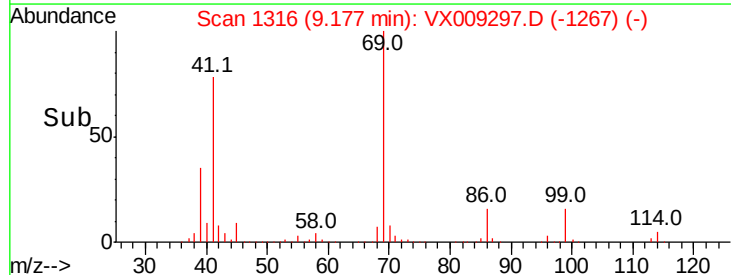
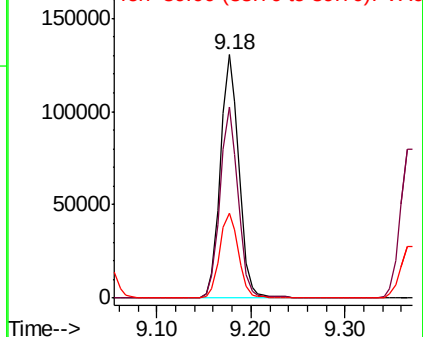


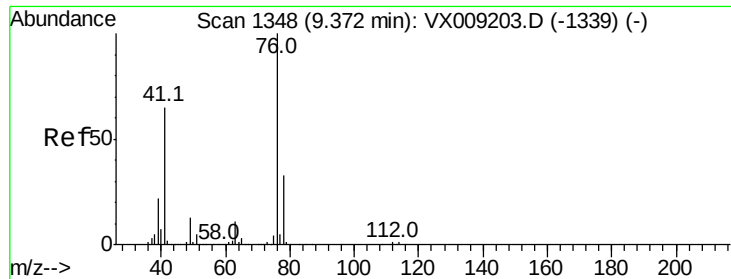
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





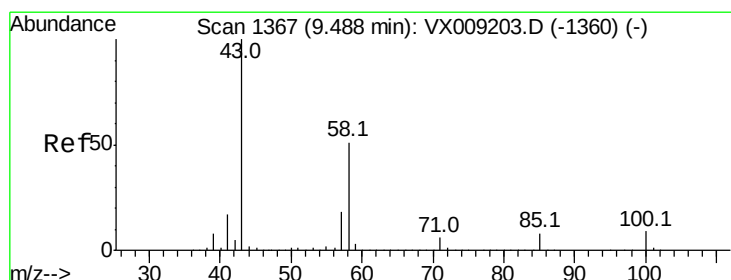
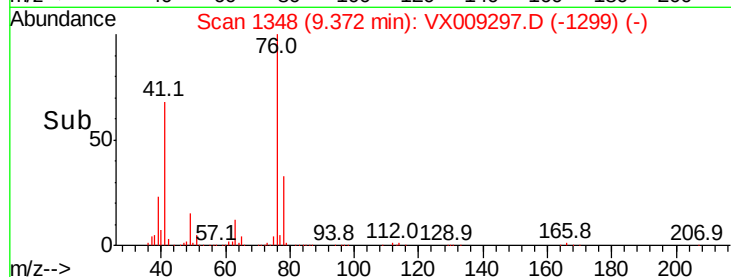
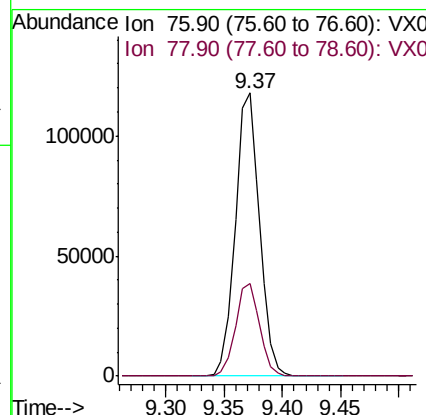
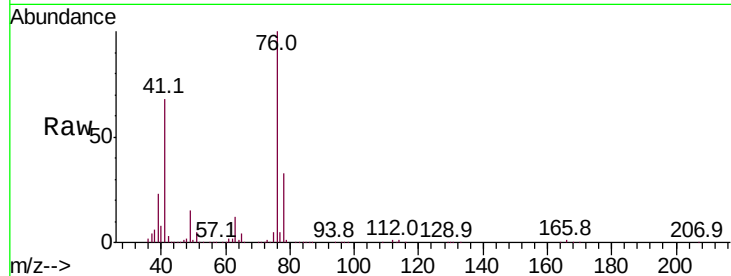
#57
 1,3-Dichloropropane
 Concen: 49.527 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.5	38.3

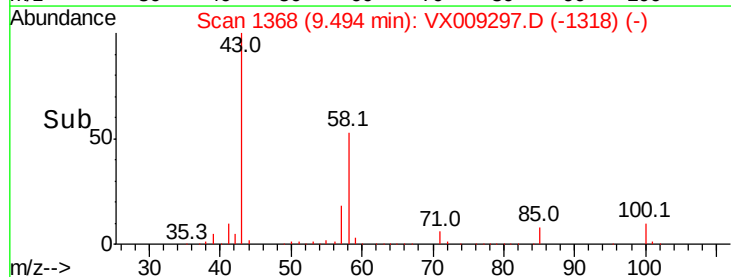
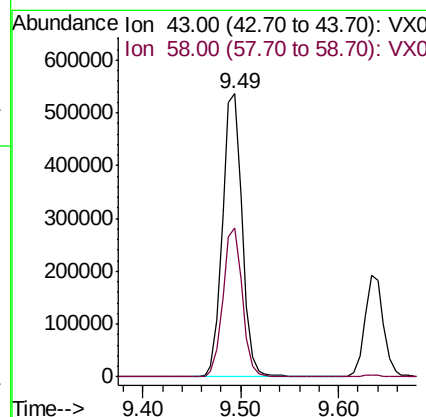
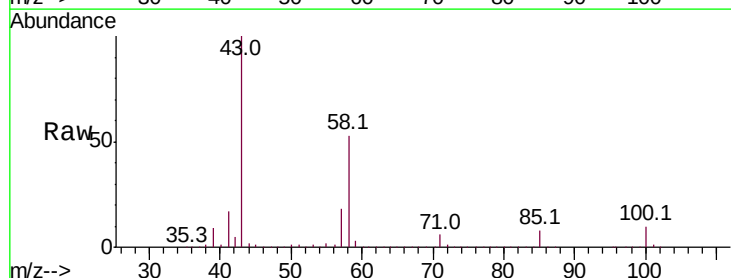
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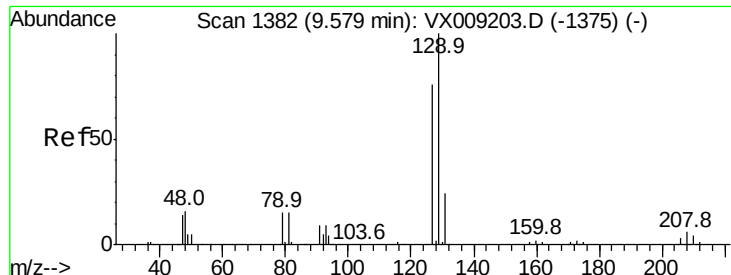
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 5/3/2019 11:18:50 AM



#59
 2-Hexanone
 Concen: 256.879 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.6	25.9	77.7





#60

Dibromochloromethane

Concen: 51.124 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion:129 Resp: 97714

Ion Ratio Lower Upper

129 100

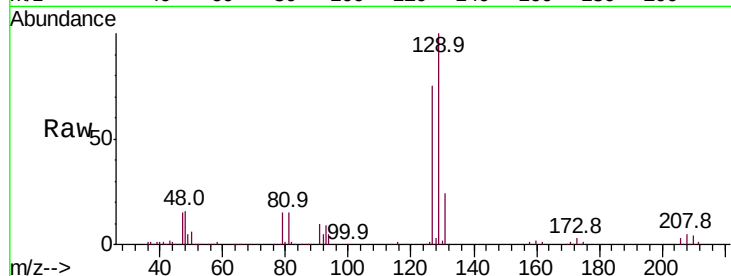
127 76.6 38.4 115.1

Manual Integrations

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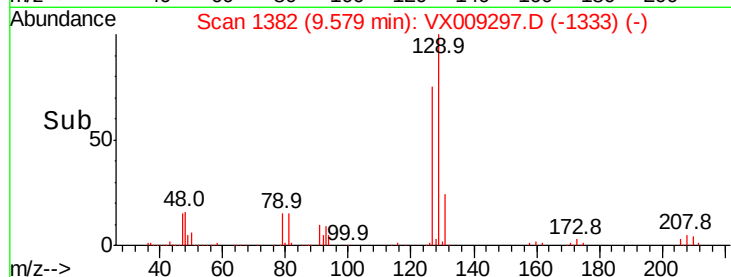
5/3/2019 11:18:50 AM



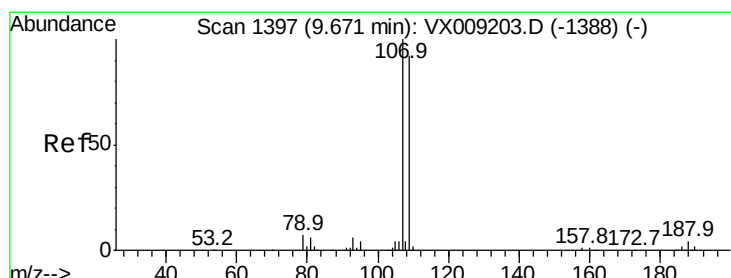
Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58



Time-->



#61

1,2-Dibromoethane

Concen: 49.846 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009297.D

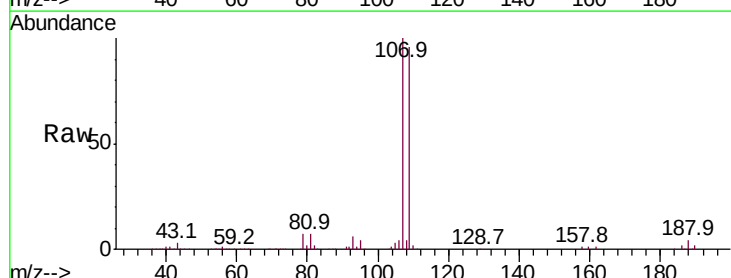
Acq: 03 May 2019 00:40

Tgt Ion:107 Resp: 98465

Ion Ratio Lower Upper

107 100

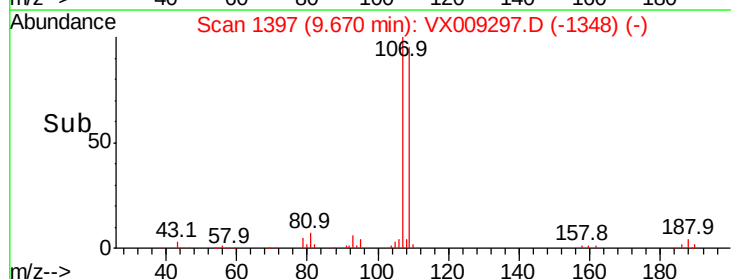
109 95.3 75.2 112.8



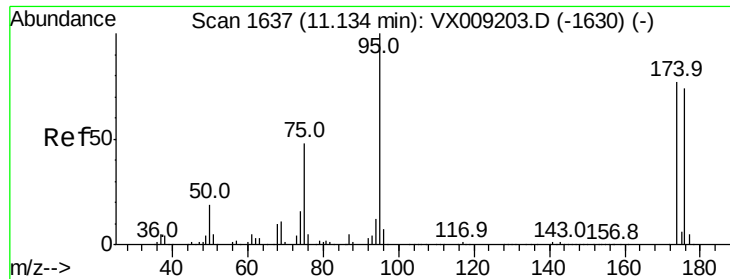
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



Time-->



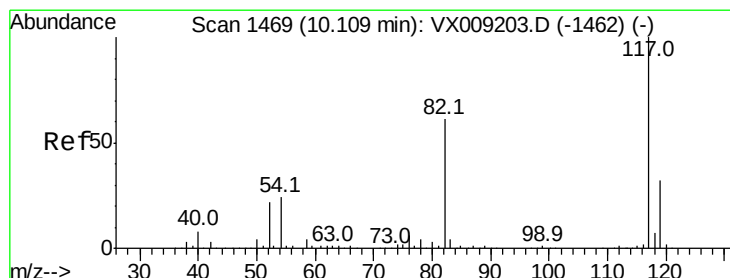
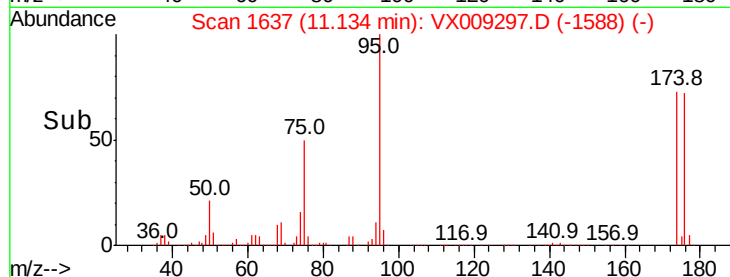
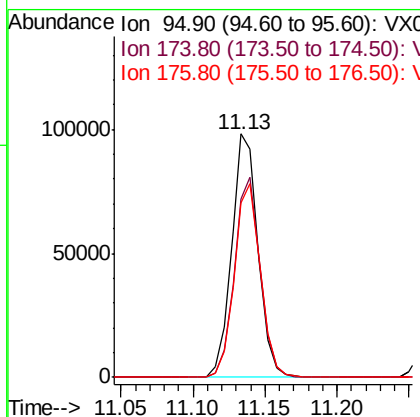
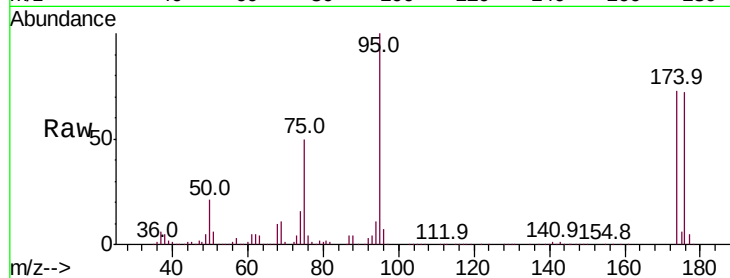
#62
4-Bromofluorobenzene
Concen: 49.582 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100			
174	80.5	0.0	161.6	
176	78.7	0.0	159.2	

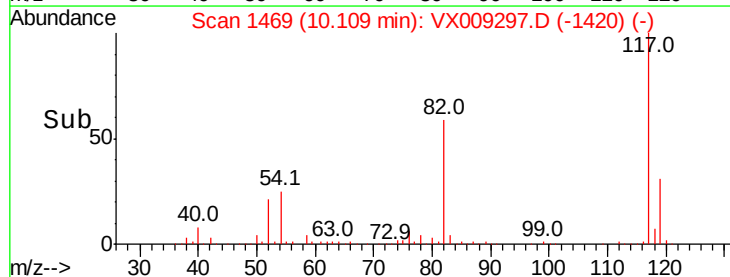
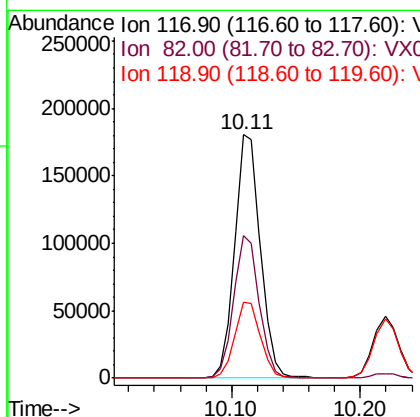
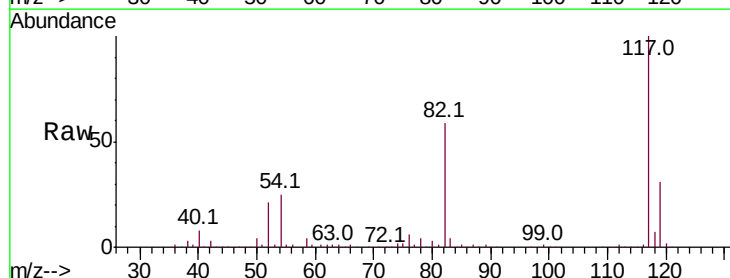
Manual Integrations
APPROVED

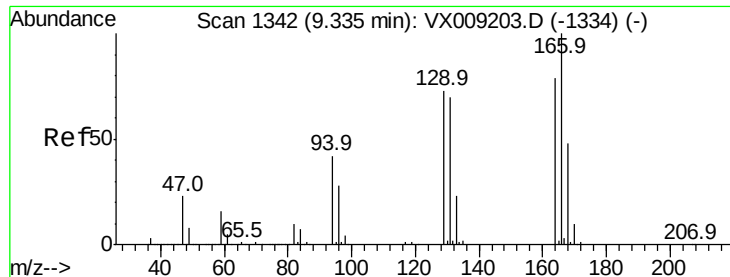
MMDadoda
5/3/2019 11:18:50 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
82	58.7	48.8	73.2	
119	31.3	25.8	38.6	





#64

Tetrachloroethene

Concen: 46.370 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion:164 Resp: 79903

Ion Ratio Lower Upper

164 100

166 124.5 101.2 151.8

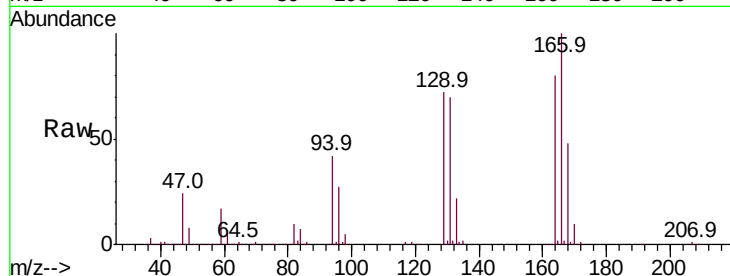
129 90.0 74.3 111.5

131 86.9 71.0 106.6

Manual Integrations
APPROVED

MMDadoda

5/3/2019 11:18:50 AM



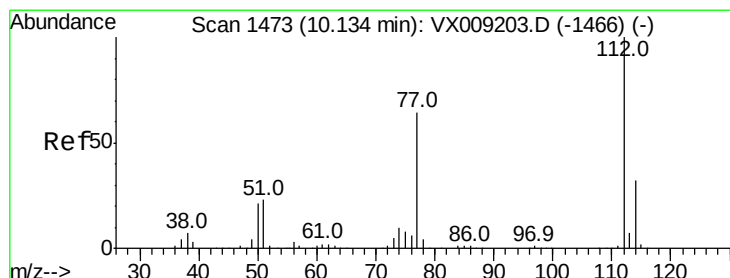
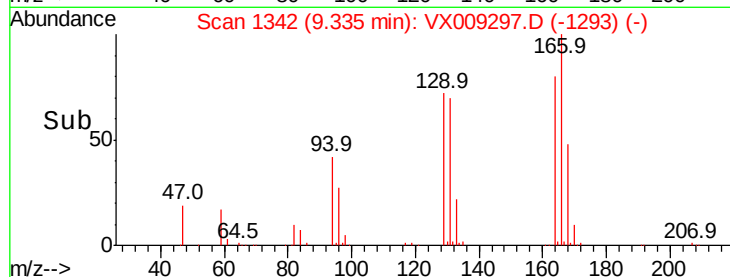
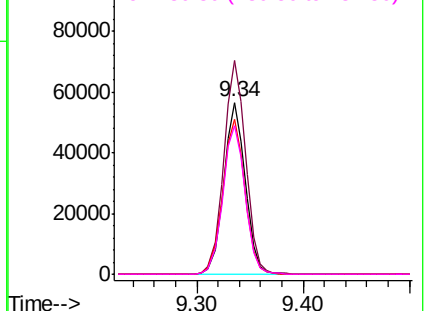
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.371 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009297.D

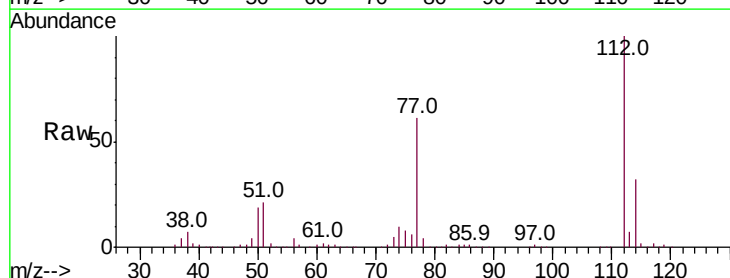
Acq: 03 May 2019 00:40

Tgt Ion:112 Resp: 243077

Ion Ratio Lower Upper

112 100

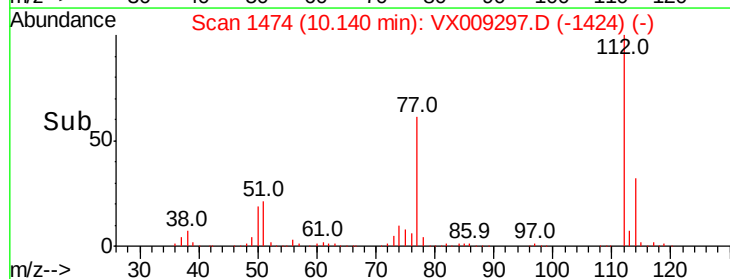
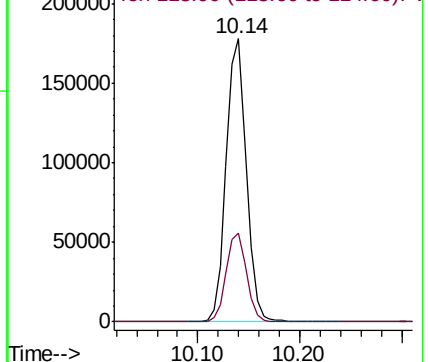
114 31.6 25.5 38.3

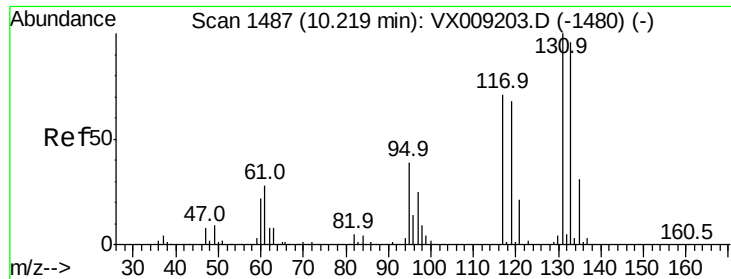


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





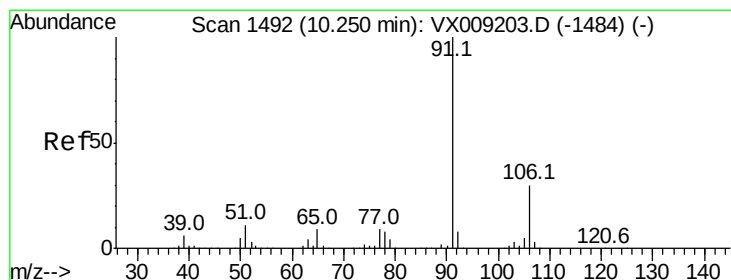
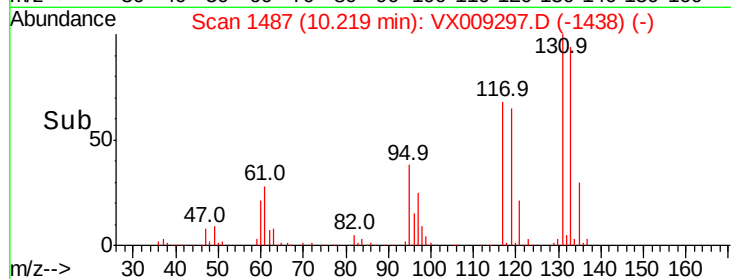
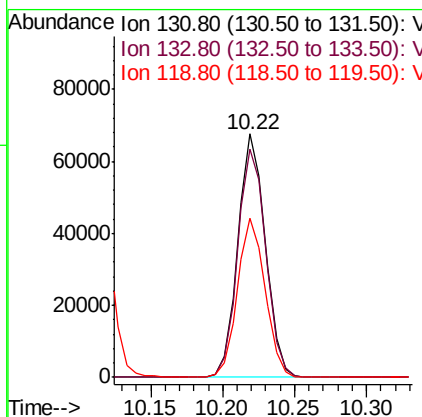
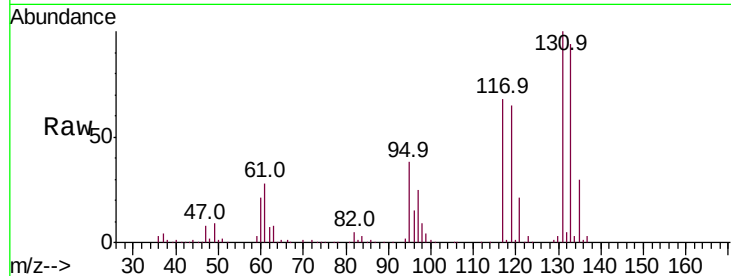
#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.290 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.7	143.1
119	65.7	33.5	100.4

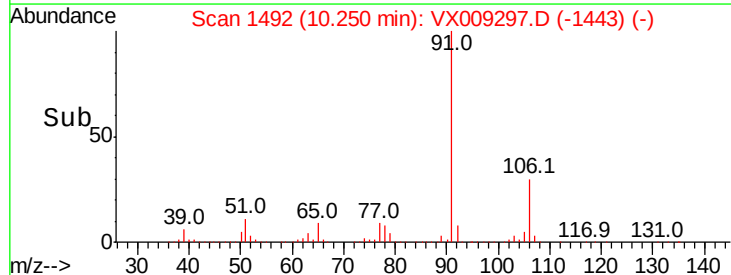
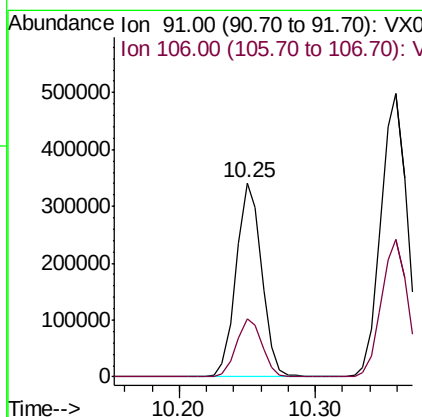
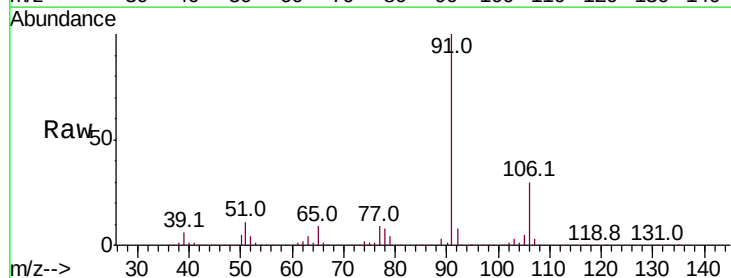
Manual Integrations
 APPROVED

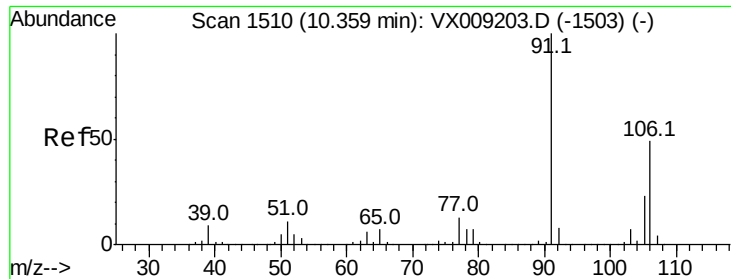
MMDadoda
 5/3/2019 11:18:50 AM



#67
 Ethyl Benzene
 Concen: 48.403 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.0	36.0





#68

m/p-Xylenes

Concen: 96.338 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion:106 Resp: 325589

Ion Ratio Lower Upper

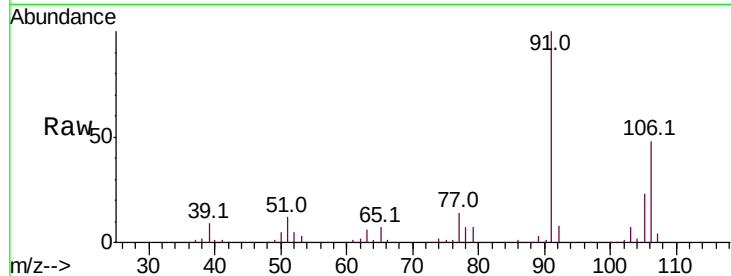
106 100

91 207.9 164.0 246.0

Manual Integrations
APPROVED

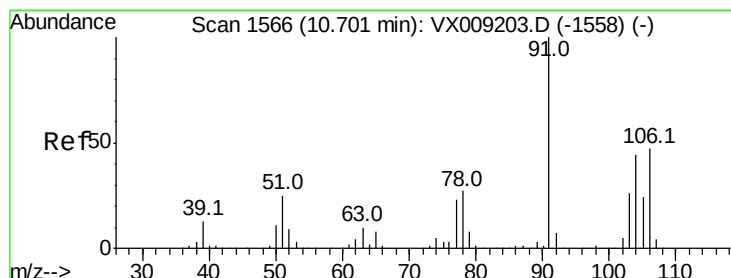
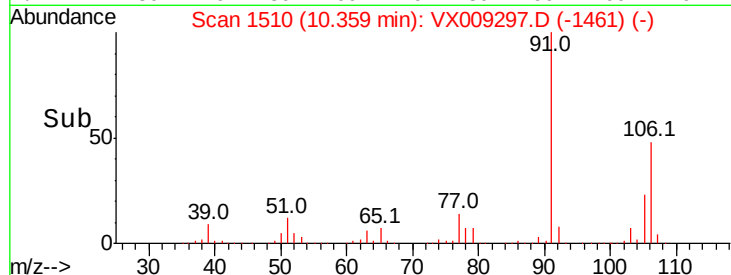
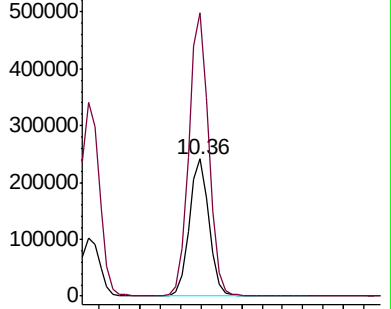
MMDadoda

5/3/2019 11:18:50 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.715 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX009297.D

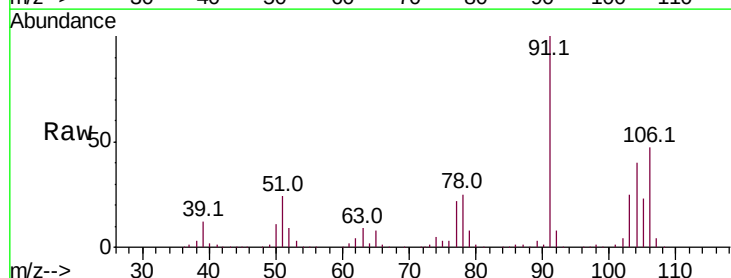
Acq: 03 May 2019 00:40

Tgt Ion:106 Resp: 162443

Ion Ratio Lower Upper

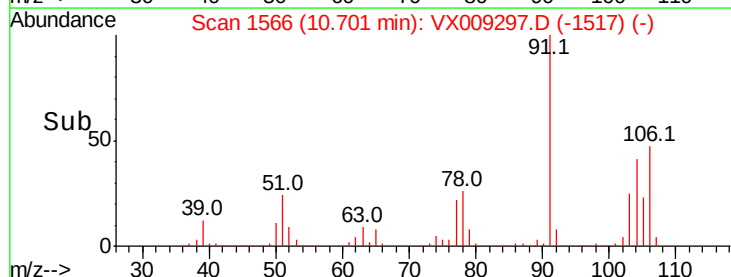
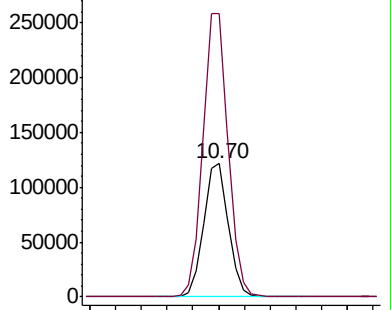
106 100

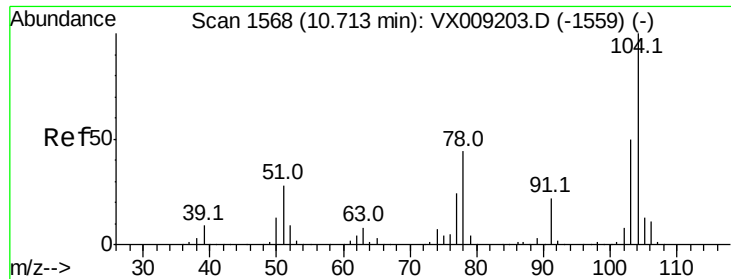
91 216.5 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





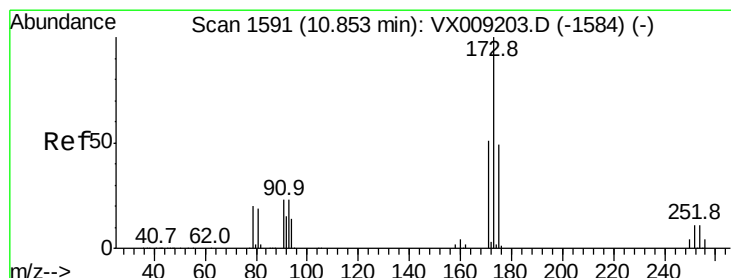
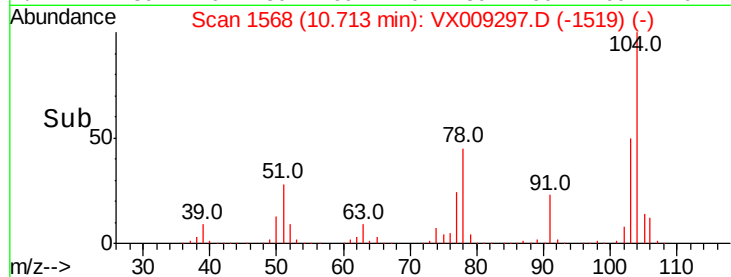
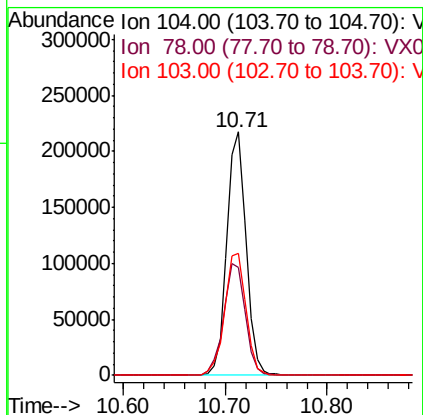
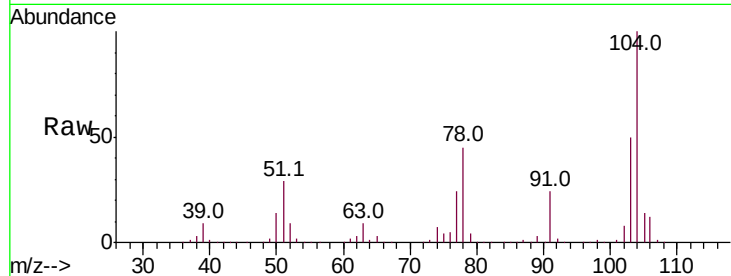
#70
Stvrene
Concen: 48.875 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	283264		
78	52.1	41.0	61.4	
103	55.7	43.8	65.6	

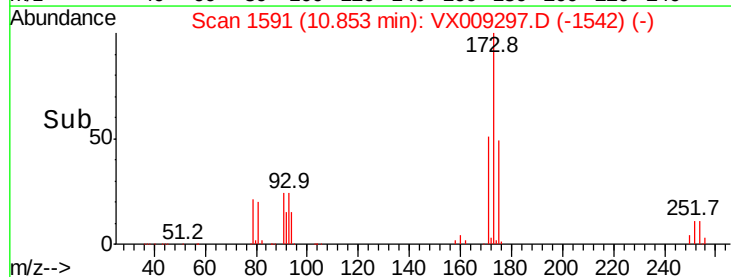
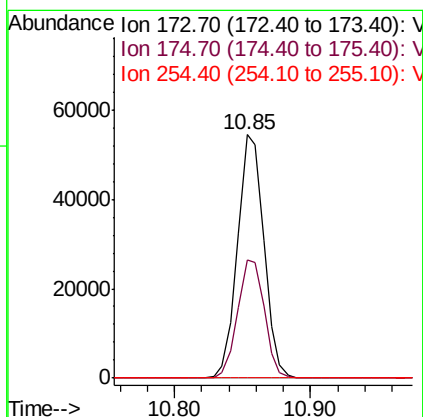
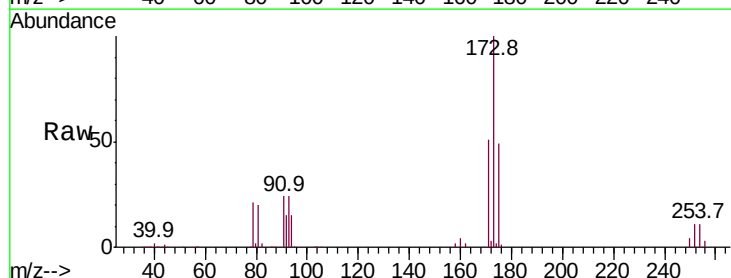
Manual Integrations
APPROVED

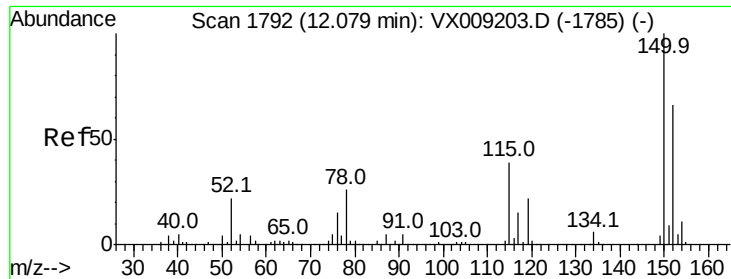
MMDadoda
5/3/2019 11:18:50 AM



#71
Bromoform
Concen: 49.778 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009297.D
Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	73698		
175	49.4	24.5	73.5	
254	0.2	0.1	0.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

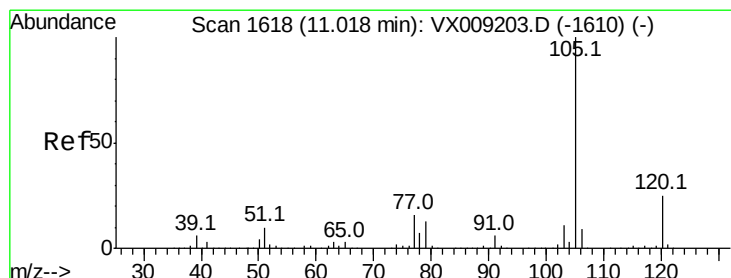
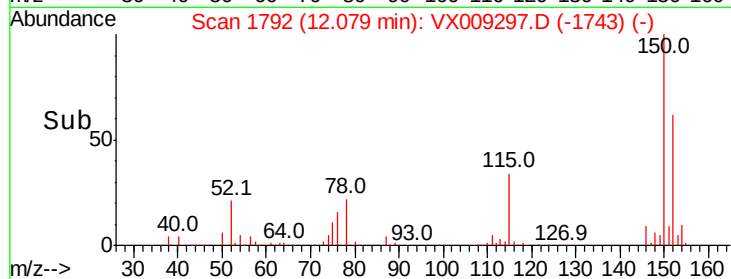
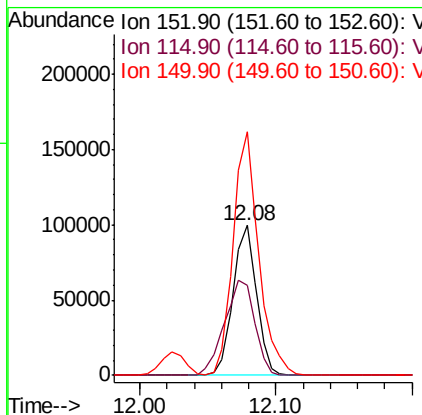
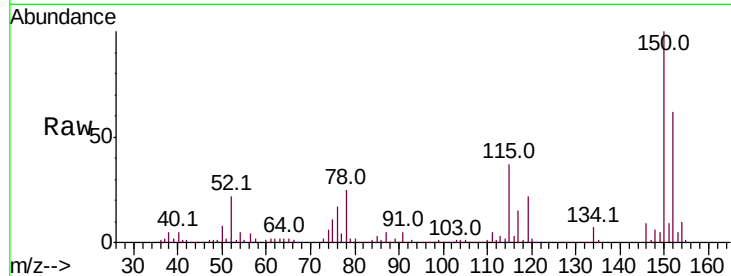
ClientSampleId :

SS050MW641-190429MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	81.8	41.2	123.6
150	176.3	0.0	346.4

Manual Integrations
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MMDadoda
5/3/2019 11:18:50 AM



#73

Isopropylbenzene

Concen: 48.970 ug/l

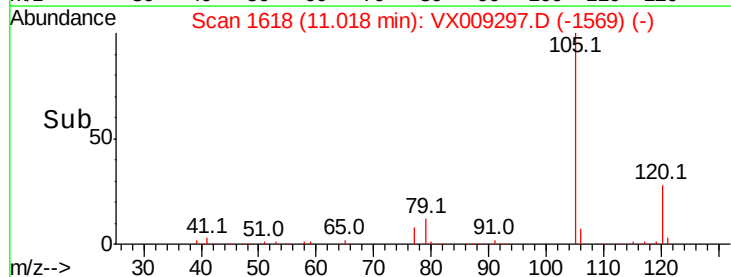
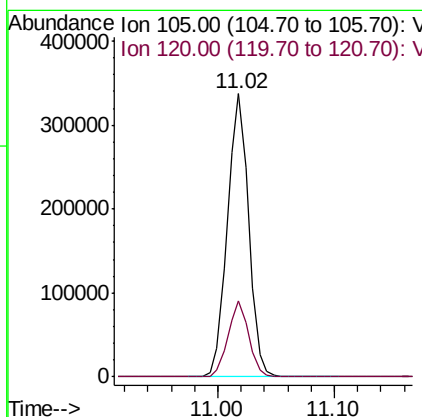
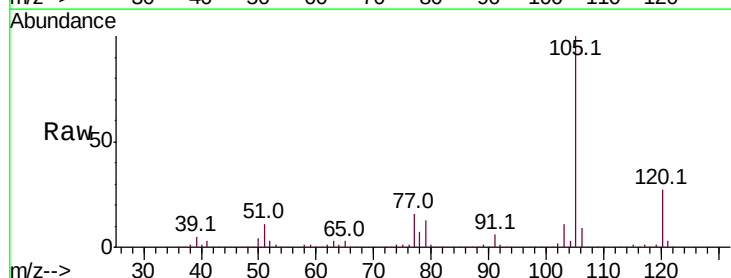
RT: 11.02 min Scan# 1618

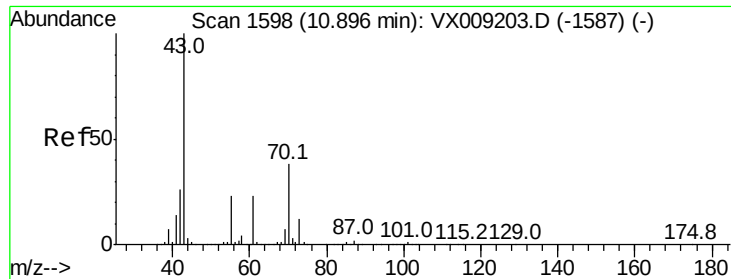
Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.3





#74

N-amvl acetate

Concen: 49.717 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

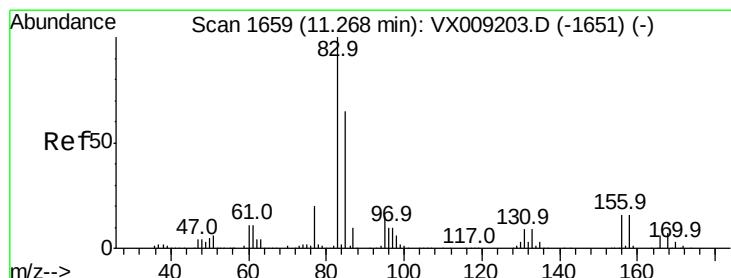
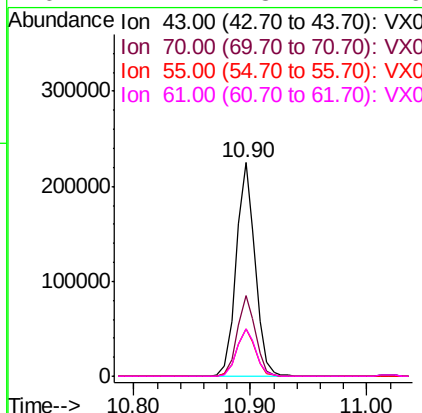
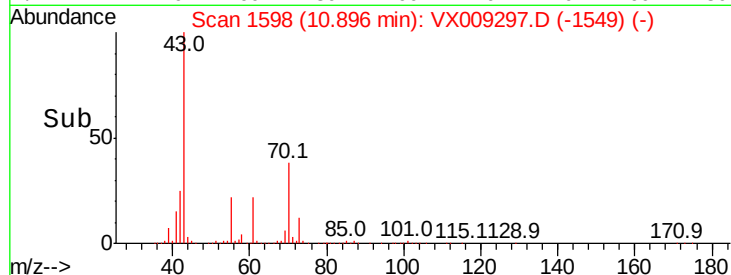
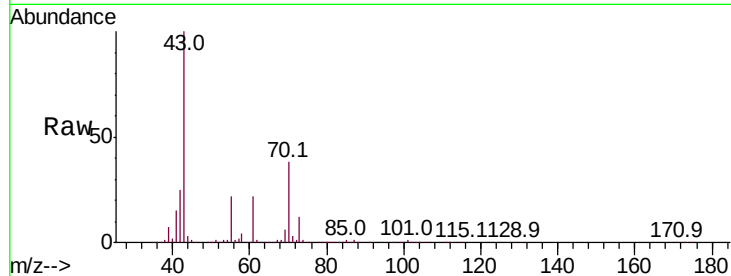
ClientSampleId :

SS050MW641-190429MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		252118		
70	37.2	30.0	45.0		
55	22.5	17.9	26.9		
61	22.7	18.4	27.6		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 51.512 ug/l

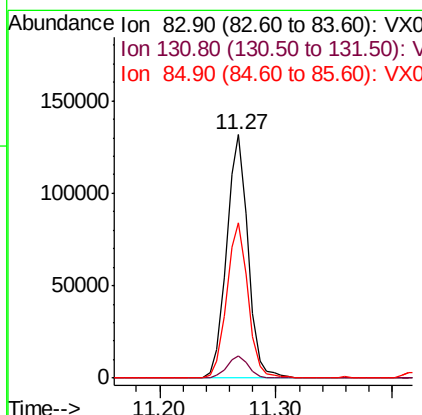
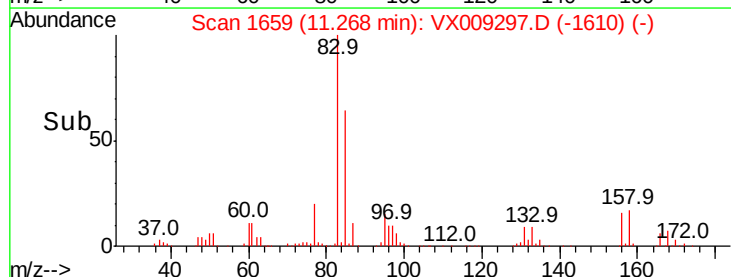
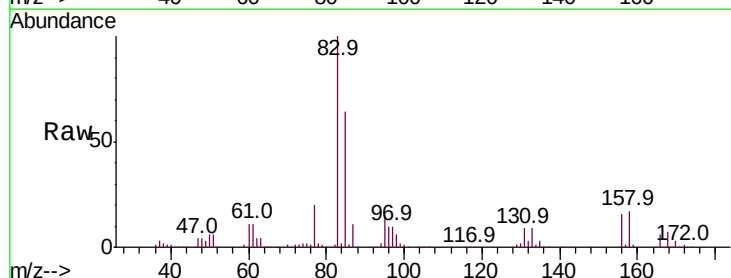
RT: 11.27 min Scan# 1659

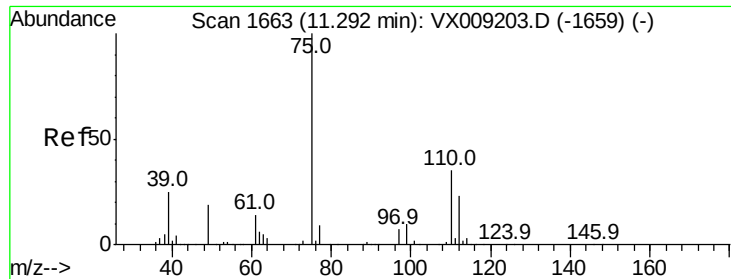
Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		167028		
131	9.2	4.6	13.8		
85	63.7	32.0	96.2		





#76

1,2,3-Trichloropropane

Concen: 50.342 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion: 75 Resp: 139677

Ion Ratio Lower Upper

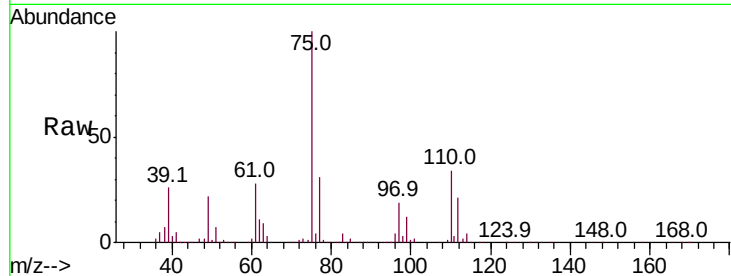
75 100

77 43.2 22.1 66.1

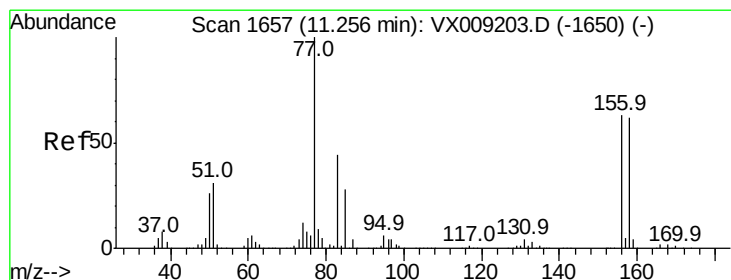
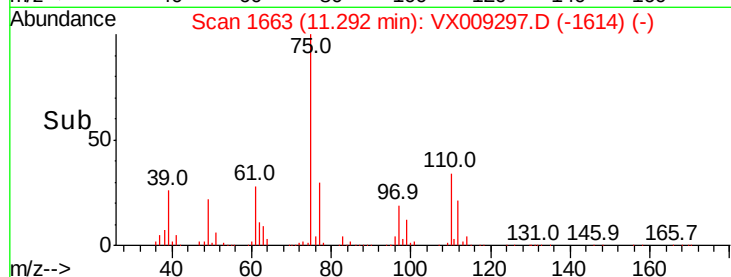
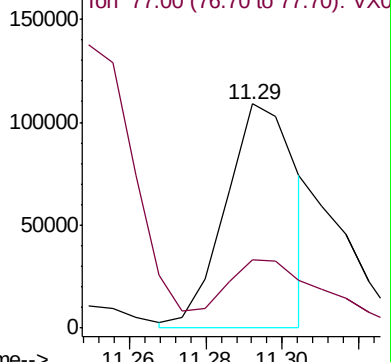
Manual Integrations
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5/3/2019 11:18:50 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0



#77

Bromobenzene

Concen: 49.365 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

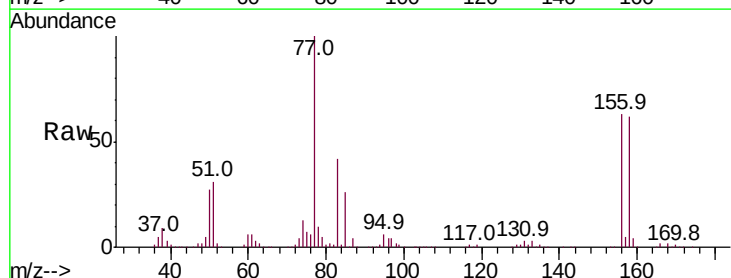
Tgt Ion: 156 Resp: 106573

Ion Ratio Lower Upper

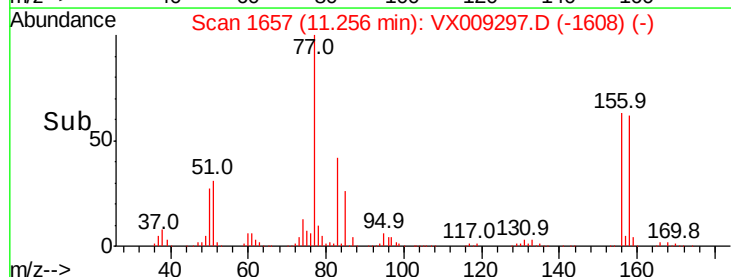
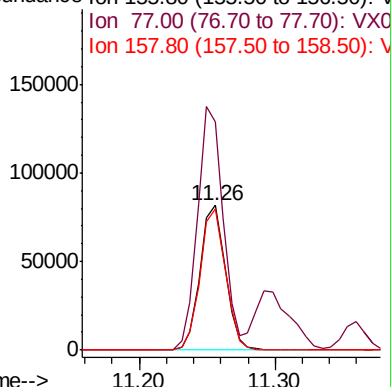
156 100

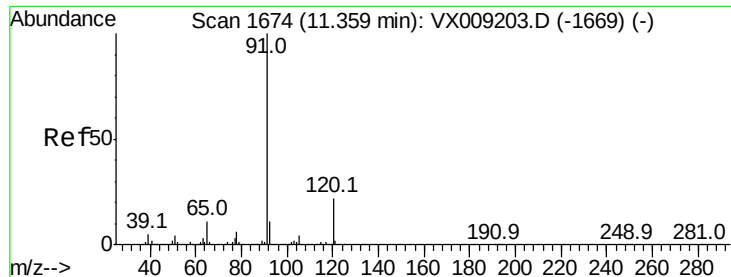
77 168.7 84.8 254.3

158 97.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V





#78

n-propylbenzene

Concen: 49.183 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion: 91 Resp: 488568

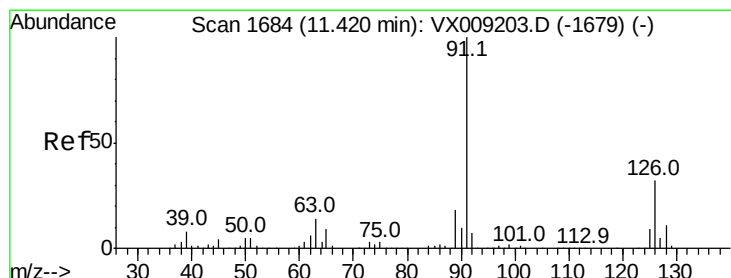
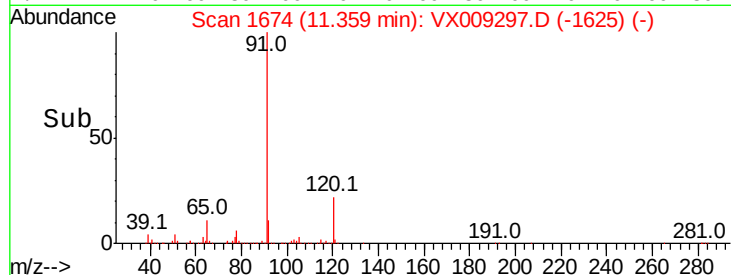
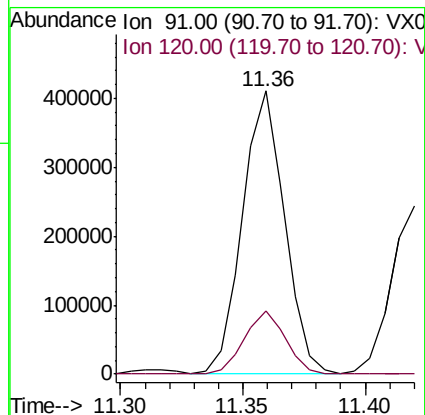
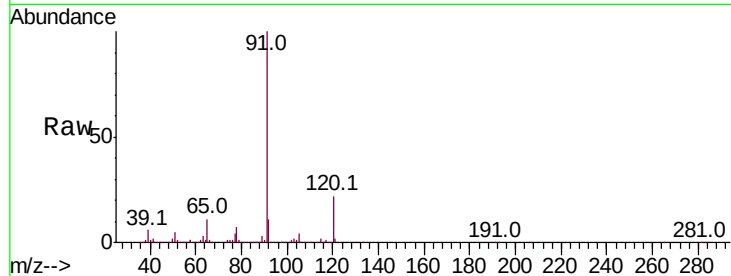
Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

Manual Integrations
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#79

2-Chlorotoluene

Concen: 48.075 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009297.D

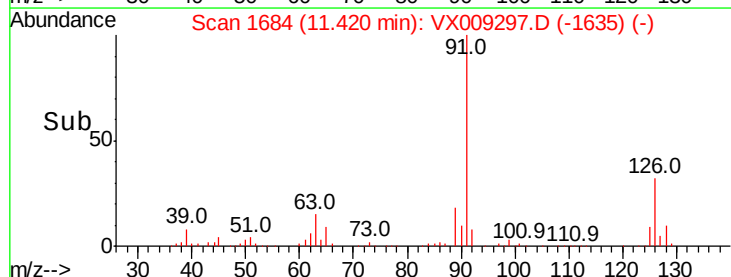
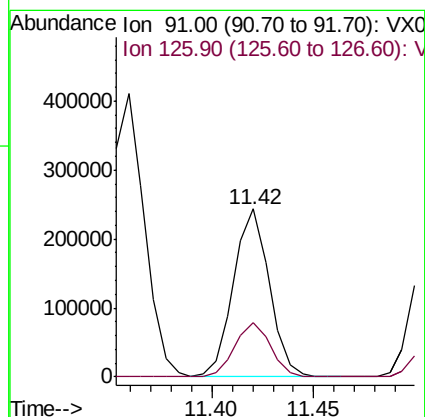
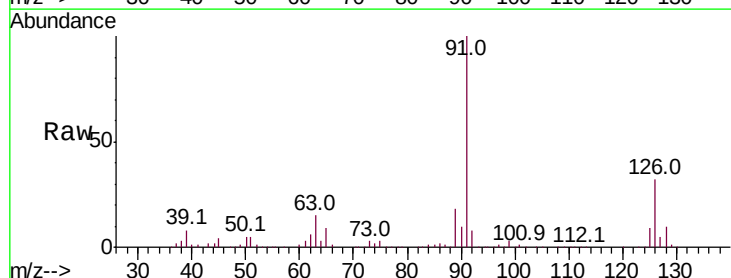
Acq: 03 May 2019 00:40

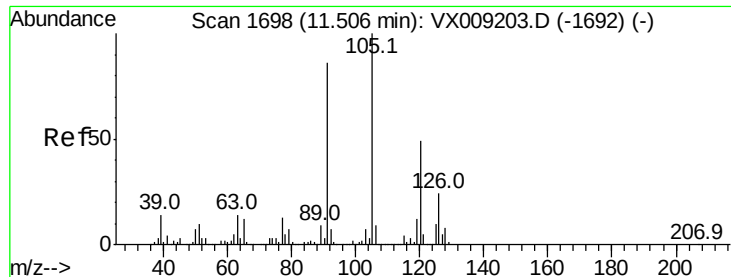
Tgt Ion: 91 Resp: 294627

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9





#80

1,3,5-Trimethylbenzene

Concen: 49.448 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion:105 Resp: 362148

Ion Ratio Lower Upper

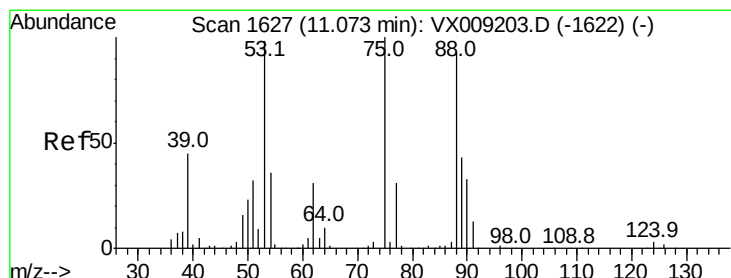
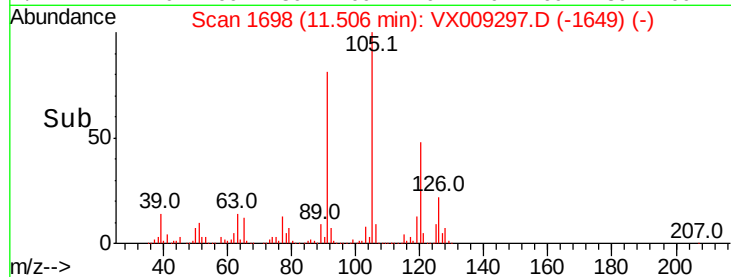
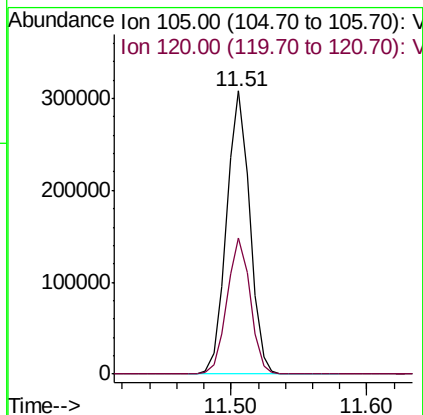
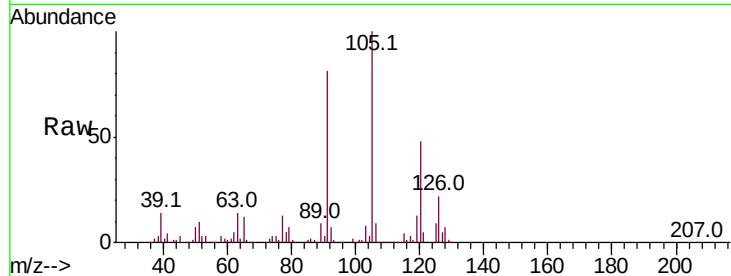
105 100

120 48.4 24.3 72.9

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#81

trans-1,4-Dichloro-2-butene

Concen: 45.674 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

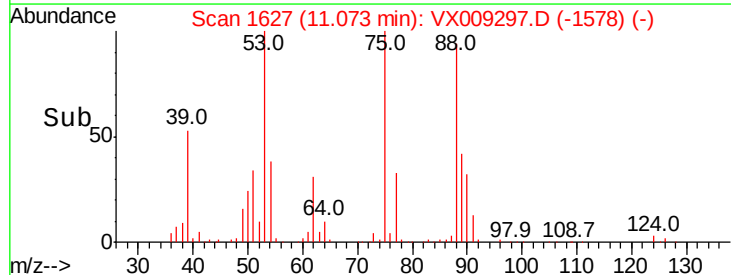
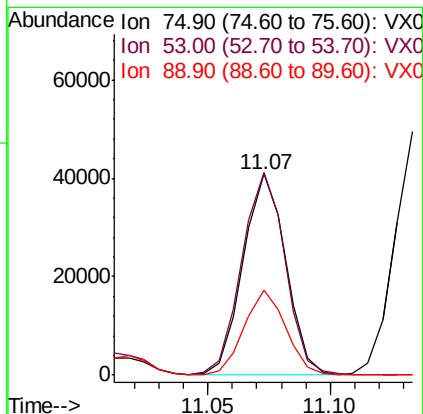
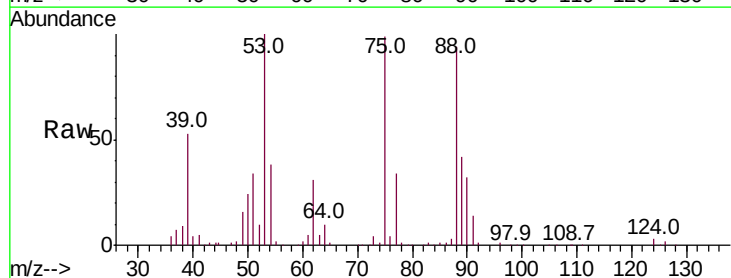
Tgt Ion: 75 Resp: 49529

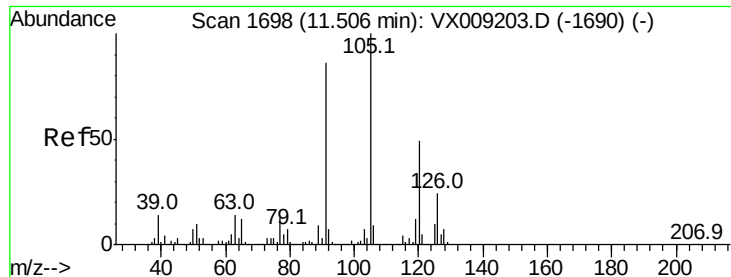
Ion Ratio Lower Upper

75 100

53 101.7 79.0 118.6

89 41.6 34.7 52.1





#82

4-Chlorotoluene

Concen: 49.091 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion: 91 Resp: 339880

Ion Ratio Lower Upper

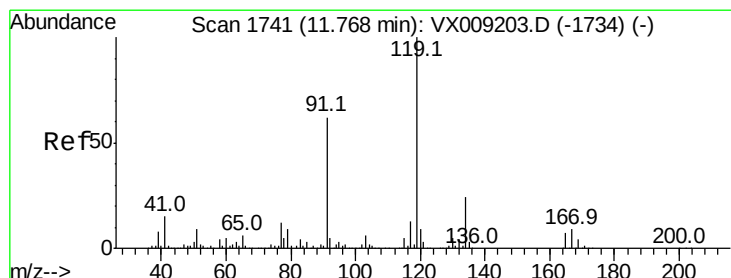
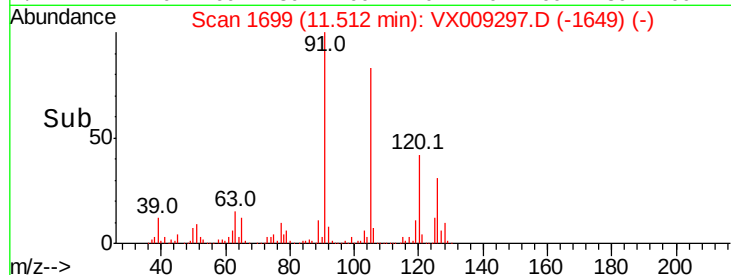
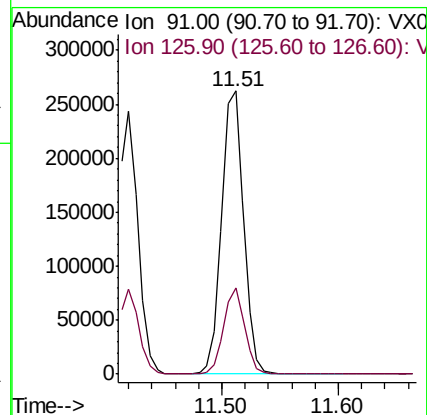
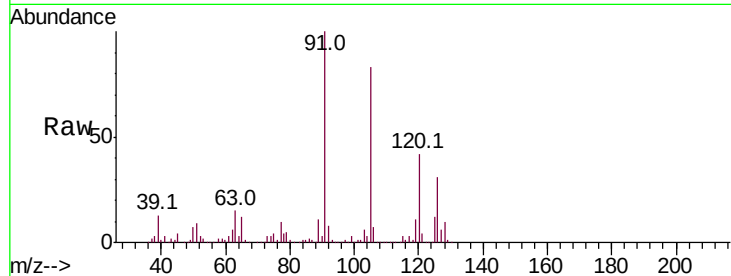
91 100

126 29.2 14.5 43.6

Manual Integrations
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#83

tert-Butylbenzene

Concen: 49.451 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

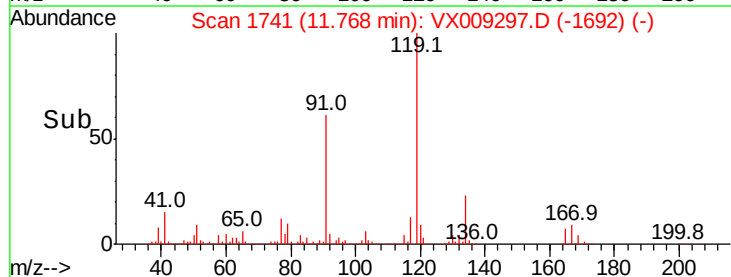
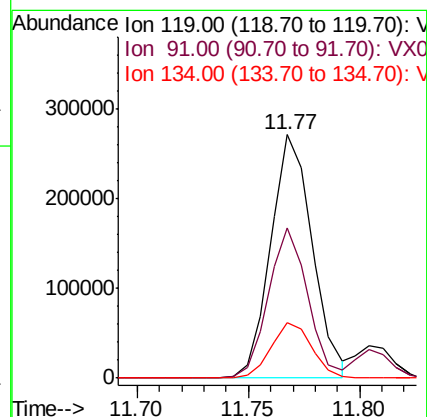
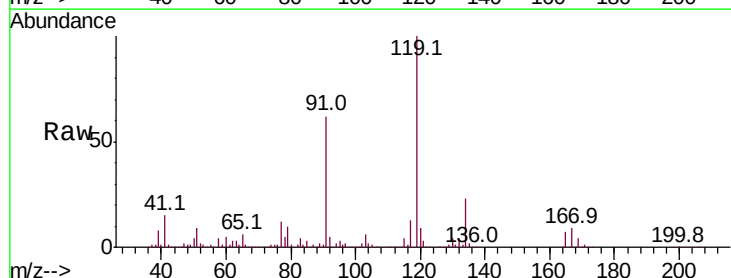
Tgt Ion: 119 Resp: 352318

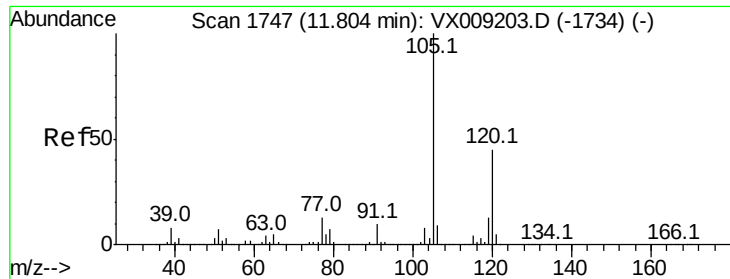
Ion Ratio Lower Upper

119 100

91 58.3 29.5 88.5

134 22.3 11.4 34.1





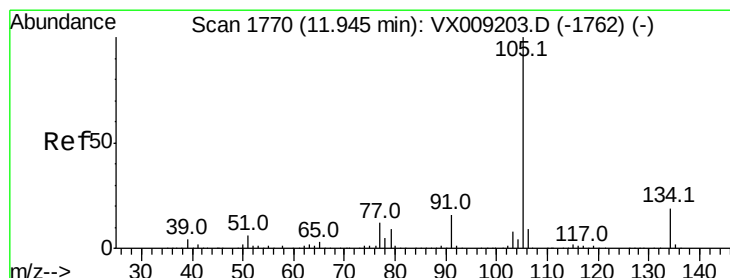
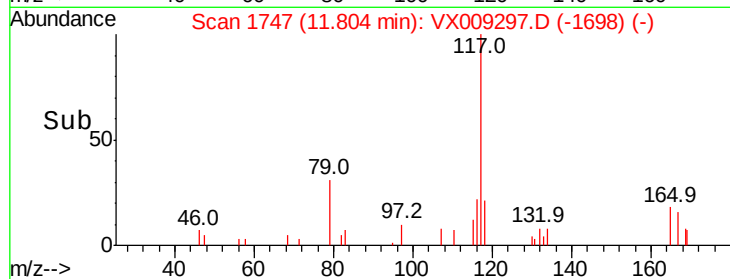
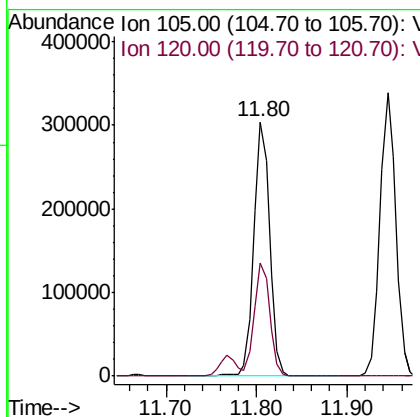
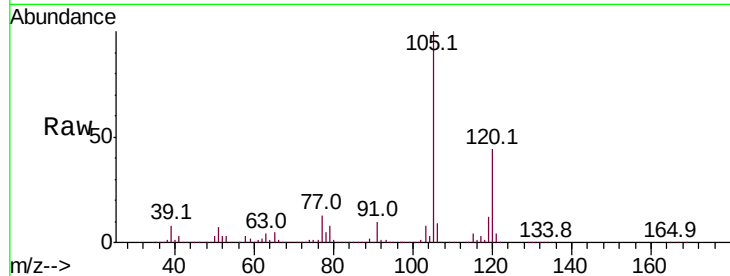
#84
 1,2,4-Trimethylbenzene
 Concen: 50.009 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.0	66.0

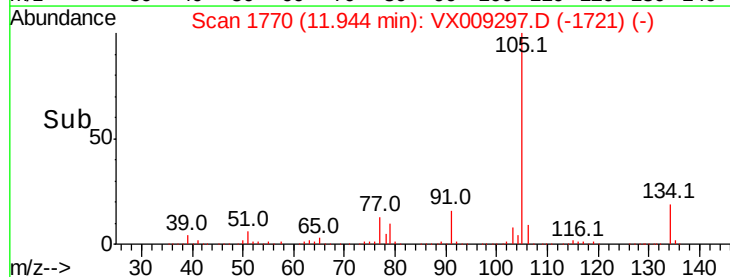
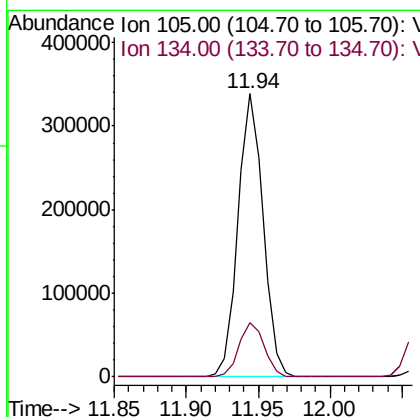
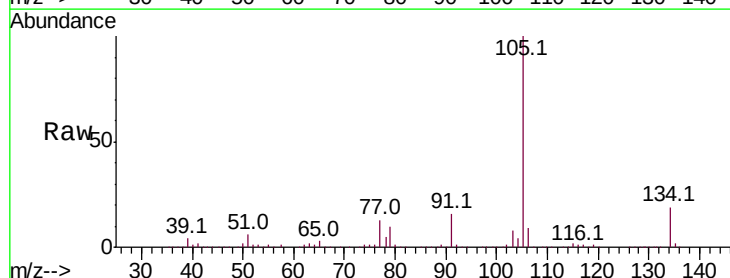
Manual Integrations
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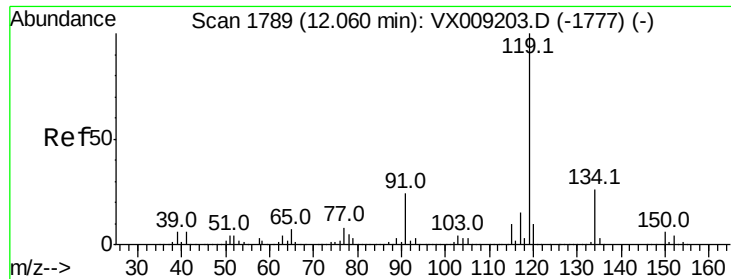
MMDadoda
 5/3/2019 11:18:50 AM



#85
 sec-Butylbenzene
 Concen: 48.639 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9





#86

p-Isopropyltoluene

Concen: 49.321 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

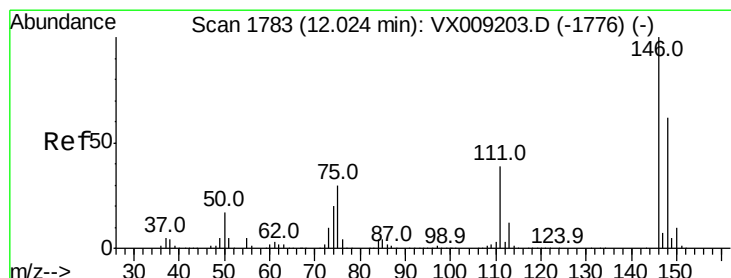
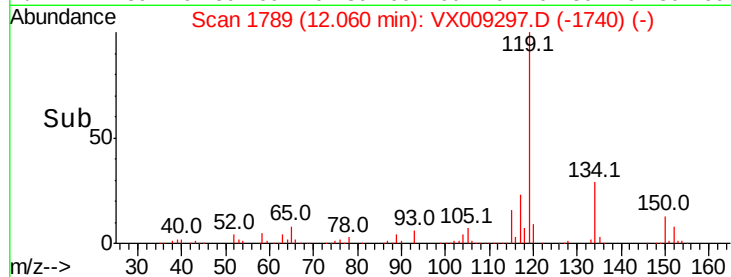
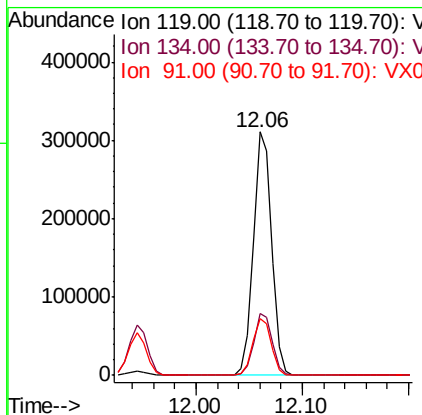
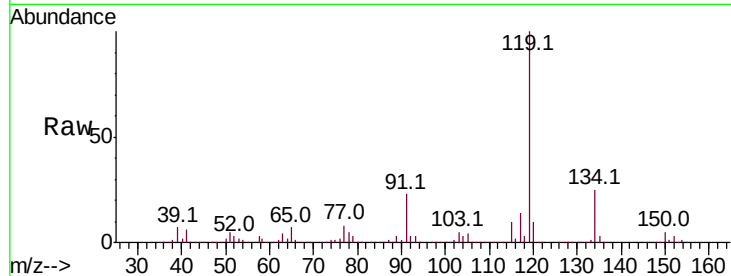
ClientSampleId :

SS050MW641-190429MSD

Tot Ion:	119	Resp:	374520
Ion Ratio	Lower	Upper	
119	100		
134	25.7	12.9	38.7
91	23.6	11.8	35.4

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#87

1,3-Dichlorobenzene

Concen: 49.162 ug/l

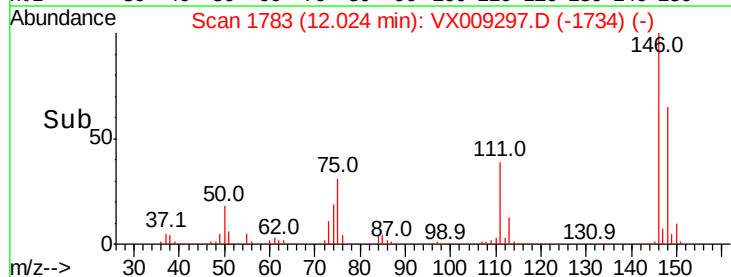
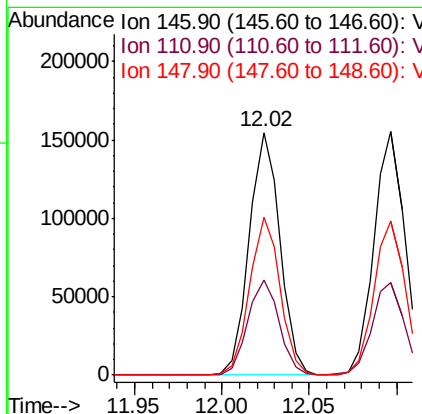
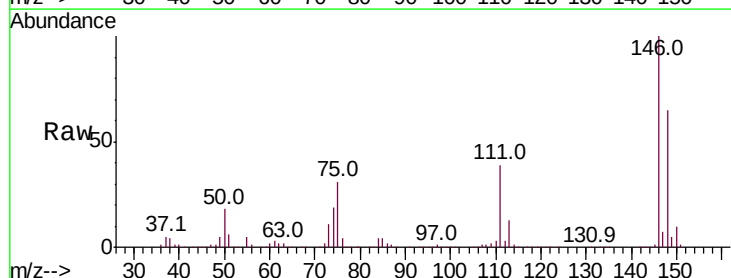
RT: 12.02 min Scan# 1783

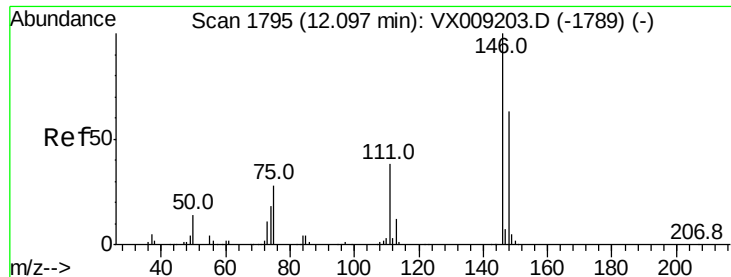
Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion:	146	Resp:	189207
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.0	59.9
148	64.6	31.8	95.3





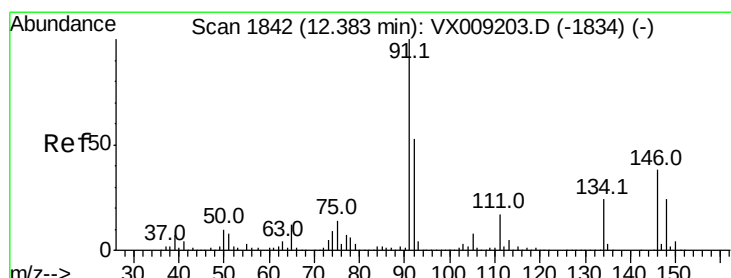
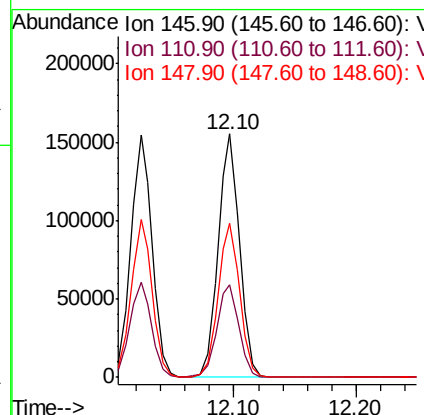
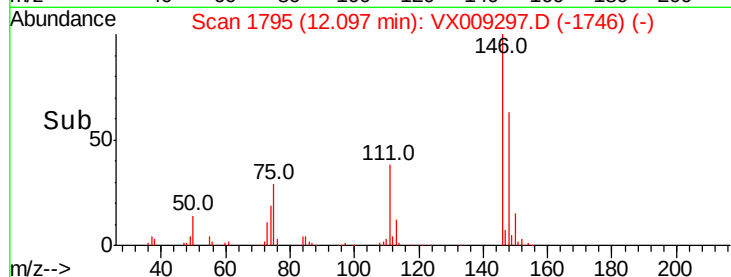
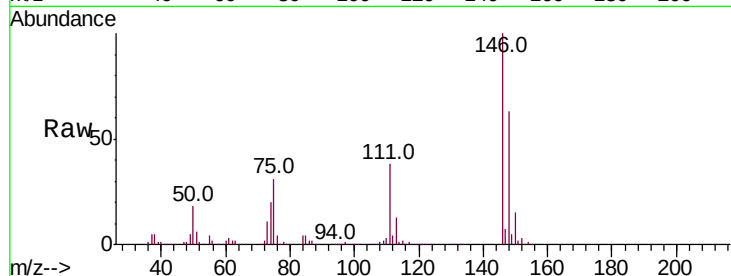
#88
 1,4-Dichlorobenzene
 Concen: 48.937 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	64.1	31.8	95.3

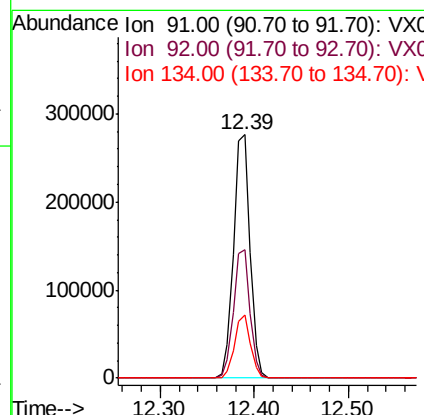
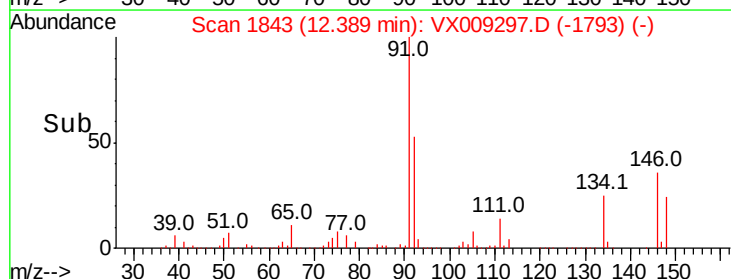
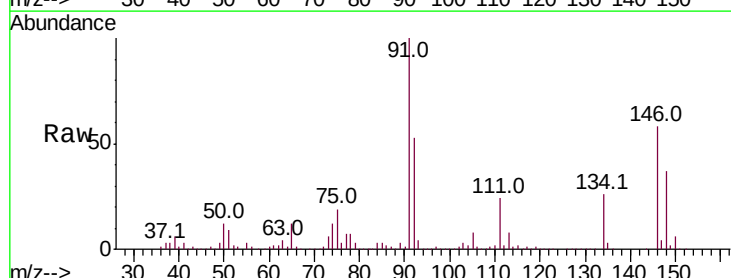
Manual Integrations
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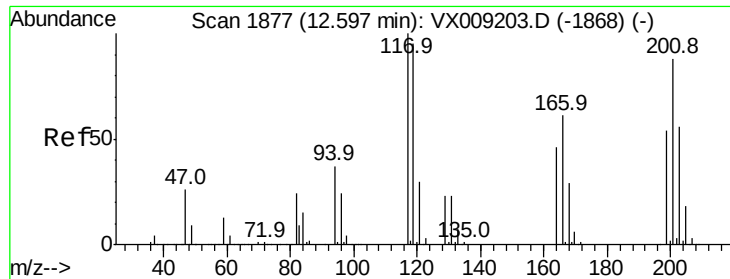
MMDadoda
 5/3/2019 11:18:50 AM



#89
 n-Butylbenzene
 Concen: 48.978 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.5	79.5
134	24.9	12.4	37.2





#90

Hexachloroethane

Concen: 50.413 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MSD

Tot Ion:117 Resp: 65219

Ion Ratio Lower Upper

117 100

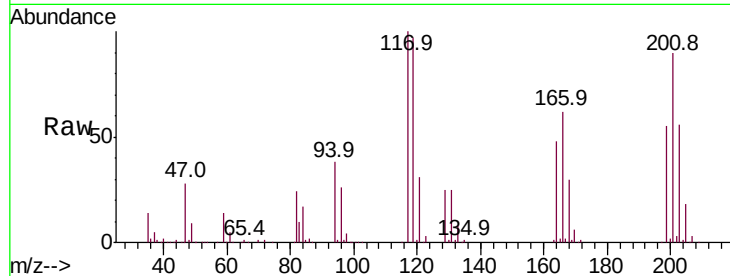
201 85.9 42.3 126.9

Manual Integrations

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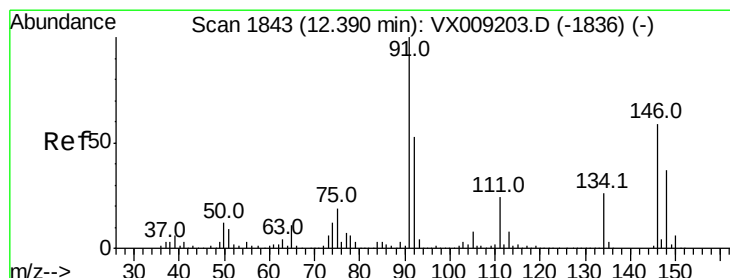
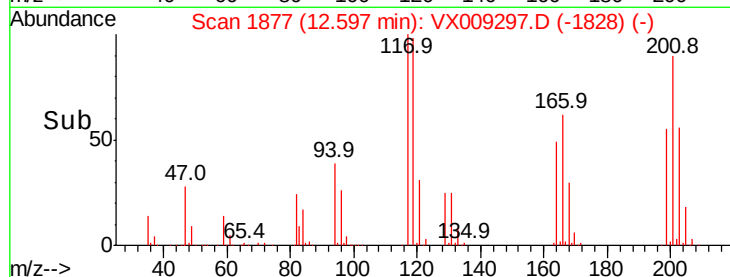
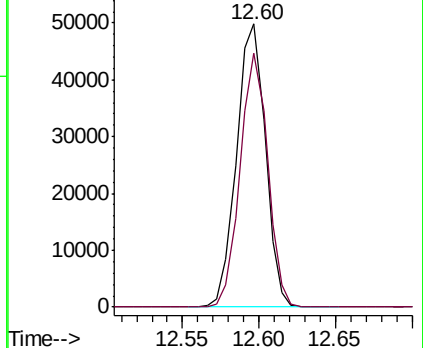
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.702 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

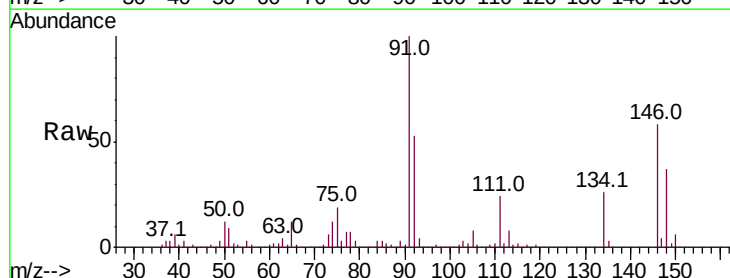
Tgt Ion:146 Resp: 194831

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.4

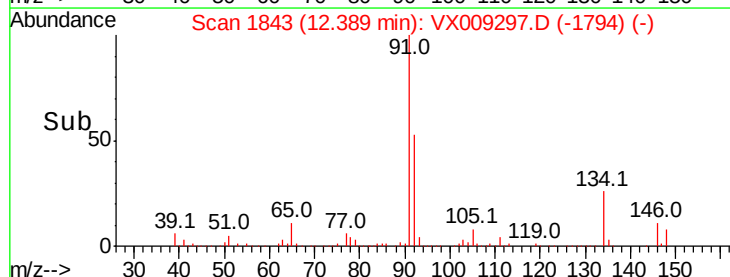
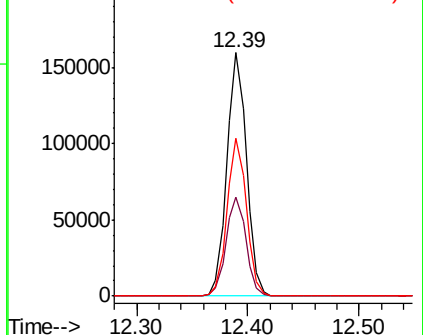
148 64.0 31.9 95.9

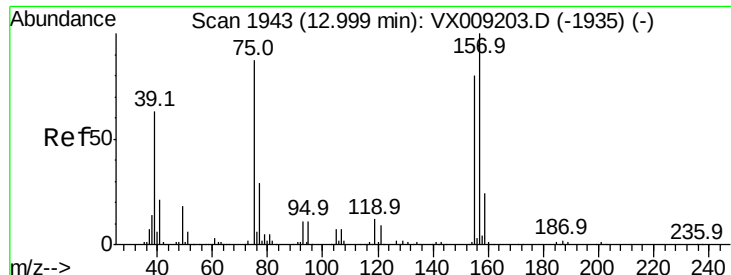


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.466 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

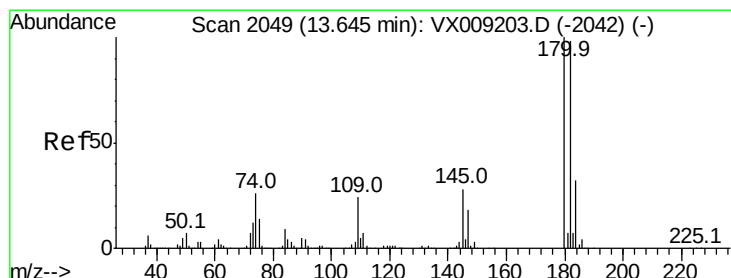
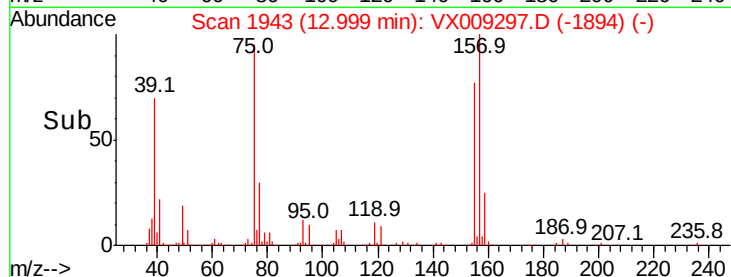
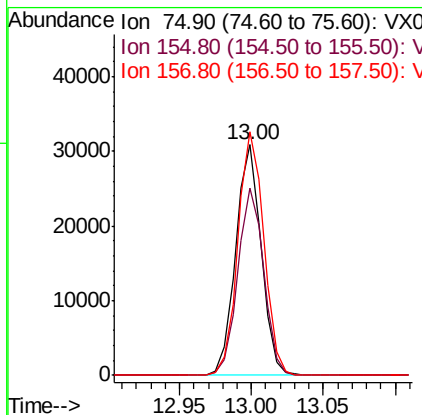
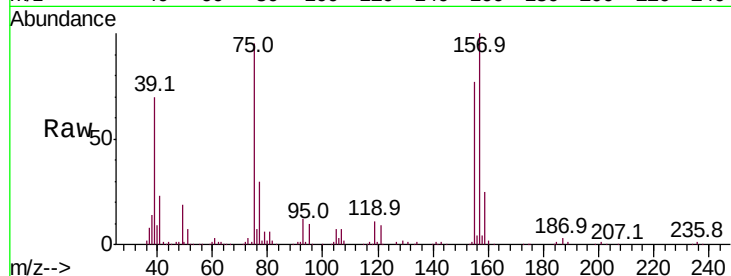
ClientSampleId :

SS050MW641-190429MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	82.3	42.0	126.0
157	106.7	53.2	159.6

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#93

1,2,4-Trichlorobenzene

Concen: 50.567 ug/l

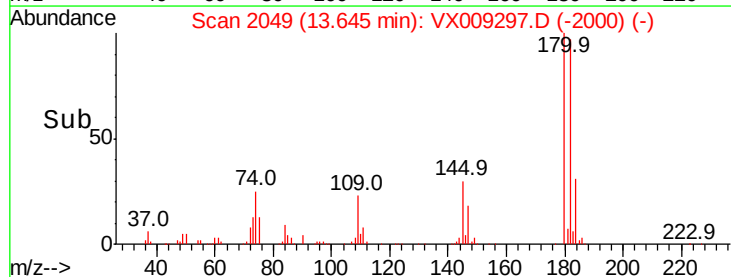
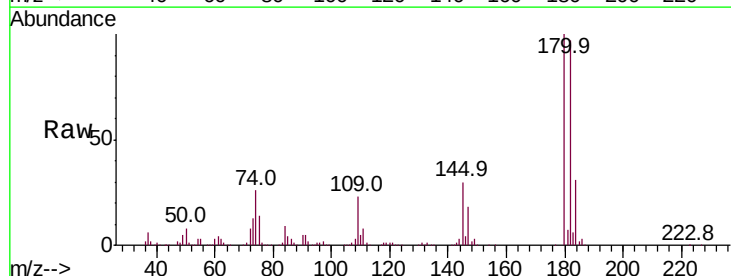
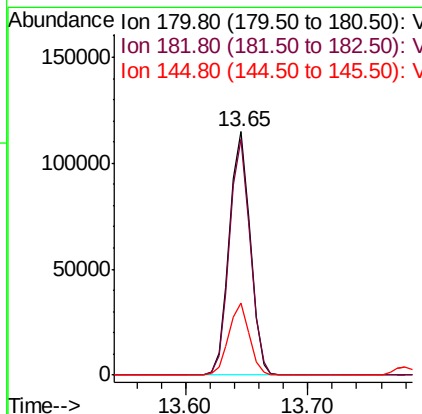
RT: 13.65 min Scan# 2049

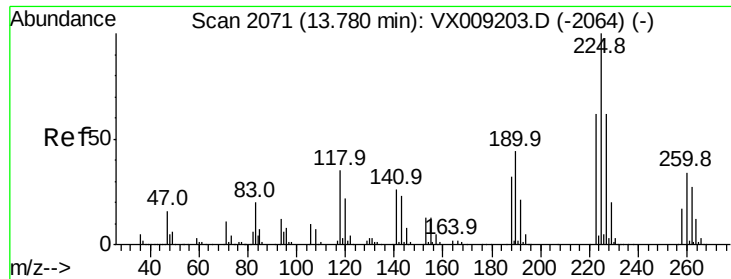
Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.4	145.2
145	29.2	14.6	43.8





#94

Hexachlorobutadiene

Concen: 47.612 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009297.D

Acq: 03 May 2019 00:40

Instrument :

MSVOA_X

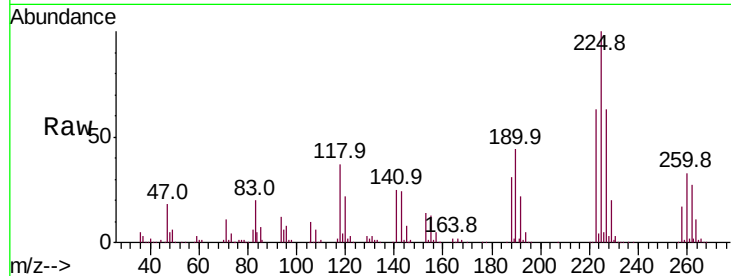
ClientSampleId :

SS050MW641-190429MSD

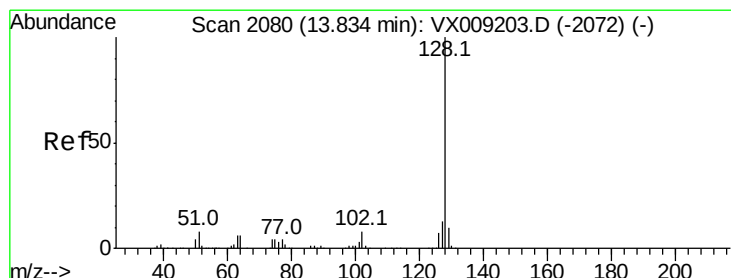
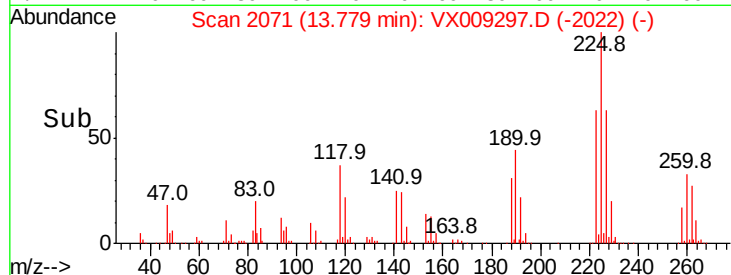
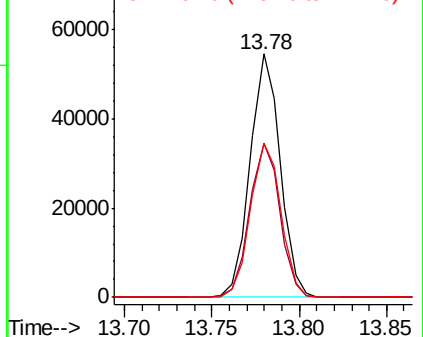
Tot Ion:	225	Resp:	65176
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.3	93.8
227	64.0	31.8	95.3

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



#95

Naphthalene

Concen: 51.714 ug/l

RT: 13.83 min Scan# 2080

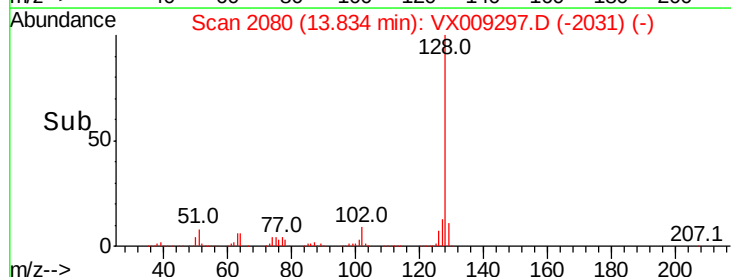
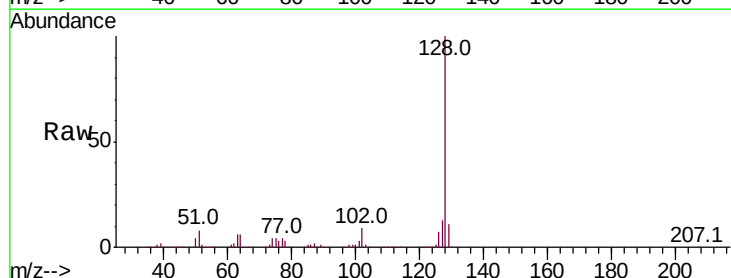
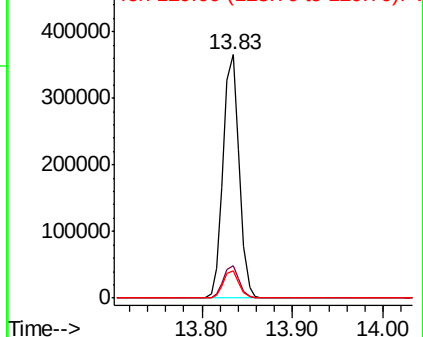
Delta R.T. -0.00 min

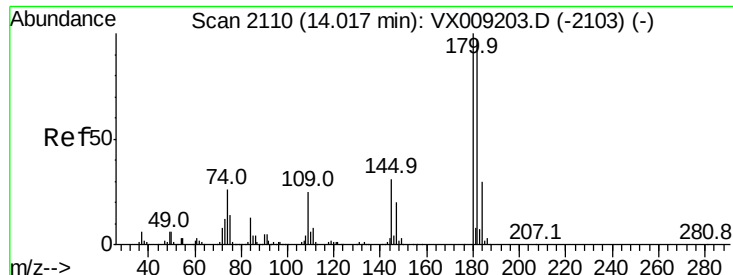
Lab File: VX009297.D

Acq: 03 May 2019 00:40

Tgt Ion:	128	Resp:	451004
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0

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





#96
 1,2,3-Trichlorobenzene
 Concen: 50.820 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009297.D
 Acq: 03 May 2019 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MSD

Tot Ion:	180	Resp:	138091
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.8	143.4
145	30.6	15.4	46.4

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 11:18:50 AM

