

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100119\
 Data File : VX012746.D
 Acq On : 01 Oct 2019 20:19
 Operator : JC/SP
 Sample : K5082-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 10:07:27 AM

Quant Time: Oct 02 08:33:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123456	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	124691	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	5.48	113	95285	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
50) Toluene-d8	8.71	98	354681	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.14	95	133873	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	83725	44.270	ug/l	96
3) Chloromethane	1.32	50	95817	44.121	ug/l	99
4) Vinyl Chloride	1.40	62	99320	46.012	ug/l	98
5) Bromomethane	1.63	94	33845	39.879	ug/l	100
6) Chloroethane	1.71	64	63051	43.329	ug/l	97
7) Trichlorofluoromethane	1.92	101	143253	47.268	ug/l	100
8) Diethyl Ether	2.18	74	58931	47.449	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90612	49.088	ug/l	96
10) Methyl Iodide	2.50	142	90695	46.972	ug/l	94
11) Tert butyl alcohol	3.04	59	132827	217.201	ug/l	100
12) 1,1-Dichloroethene	2.36	96	87956	48.661	ug/l	96
13) Acrolein	2.28	56	82002	241.092	ug/l	97
14) Allyl chloride	2.72	41	165320	46.100	ug/l	97
15) Acrylonitrile	3.13	53	309889	249.773	ug/l	98
16) Acetone	2.44	43	268067	206.732	ug/l	96
17) Carbon Disulfide	2.56	76	221482	43.708	ug/l	99
18) Methyl Acetate	2.76	43	138603	45.395	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	334711	48.923	ug/l	99
20) Methylene Chloride	2.84	84	104043	47.440	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	97072	48.476	ug/l	97
22) Diisopropyl ether	3.84	45	334707	48.303	ug/l	99
23) Vinyl Acetate	3.80	43	1366914	224.943	ug/l	97
24) 1,1-Dichloroethane	3.69	63	182788	48.529	ug/l	99
25) 2-Butanone	4.66	43	420001	225.898	ug/l	95
26) 2,2-Dichloropropane	4.58	77	123054	36.732	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	113276	48.752	ug/l	92
28) Bromochloromethane	5.00	49	68889	50.370	ug/l	96
29) Tetrahydrofuran	5.12	42	273935	241.731	ug/l	96
30) Chloroform	5.20	83	185691	48.187	ug/l	98
31) Cyclohexane	5.57	56	161205	47.308	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	164445	48.149	ug/l	100
36) 1,1-Dichloropropene	5.79	75	137491	47.488	ug/l	99
37) Ethyl Acetate	4.82	43	150698	44.521	ug/l	97
38) Carbon Tetrachloride	5.78	117	140683	47.834	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162871	46.728	ug/l	97
40) Benzene	6.14	78	411682	48.327	ug/l	100
41) Methacrylonitrile	5.03	41	91434	48.145	ug/l	96
42) 1,2-Dichloroethane	6.18	62	153820	47.550	ug/l	98
43) Isopropyl Acetate	6.43	43	250943	44.332	ug/l	98
44) Trichloroethene	7.21	130	104477	47.974	ug/l	93
45) 1,2-Dichloropropane	7.51	63	105864	48.539	ug/l	99
46) Dibromomethane	7.65	93	72096	48.552	ug/l	96
47) Bromodichloromethane	7.89	83	142987	48.179	ug/l	99
48) Methyl methacrylate	7.76	41	128557	47.364	ug/l	94
49) 1,4-Dioxane	7.73	88	51391	834.768	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	826192	236.448	ug/l	97
52) Toluene	8.78	92	259683	48.502	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	152636	46.484	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	166071	46.321	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	106975	50.255	ug/l	98
56) Ethyl methacrylate	9.17	69	173093	48.403	ug/l	92
57) 1,3-Dichloropropane	9.37	76	181812	48.803	ug/l	99
59) 2-Hexanone	9.49	43	628282	234.909	ug/l	95
60) Dibromochloromethane	9.58	129	107987	50.115	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110068	49.685	ug/l	99
64) Tetrachloroethene	9.33	164	95558	51.222	ug/l	97
65) Chlorobenzene	10.14	112	273289	48.503	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	102507	50.211	ug/l	99
67) Ethyl Benzene	10.25	91	493263	48.267	ug/l	99
68) m/p-Xylenes	10.35	106	369876	96.618	ug/l	99
69) o-Xylene	10.70	106	178925	48.302	ug/l	99
70) Styrene	10.71	104	306090	49.290	ug/l	99
71) Bromoform	10.85	173	70615	49.676	ug/l #	98
73) Isopropylbenzene	11.01	105	474069	47.147	ug/l	99
74) N-amyl acetate	10.89	43	206830	43.117	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	157932	47.426	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153860m	47.114	ug/l	
77) Bromobenzene	11.25	156	109068	47.926	ug/l	99
78) n-propylbenzene	11.35	91	532881	47.073	ug/l	100
79) 2-Chlorotoluene	11.42	91	324837	45.999	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	401933	47.667	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47775	41.924	ug/l	97
82) 4-Chlorotoluene	11.51	91	374317	46.498	ug/l	98
83) tert-Butylbenzene	11.76	119	391244	48.101	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	406531	47.793	ug/l	100
85) sec-Butylbenzene	11.94	105	453178	47.902	ug/l	99
86) p-Isopropyltoluene	12.06	119	415556	48.681	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	195530	47.743	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	195725	47.295	ug/l	99
89) n-Butylbenzene	12.39	91	340653	45.286	ug/l	99
90) Hexachloroethane	12.59	117	72408	47.578	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	198872	48.504	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38894	46.691	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	120646	48.249	ug/l	98

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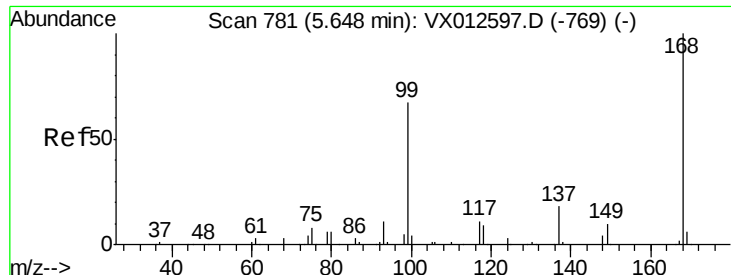
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52897	49.174	ug/l	97
95) Naphthalene	13.83	128	443662	49.041	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	122855	49.048	ug/l	99

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



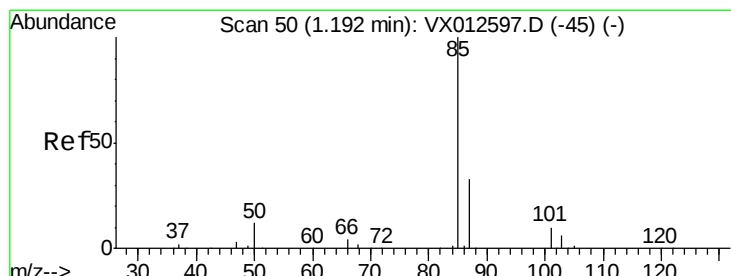
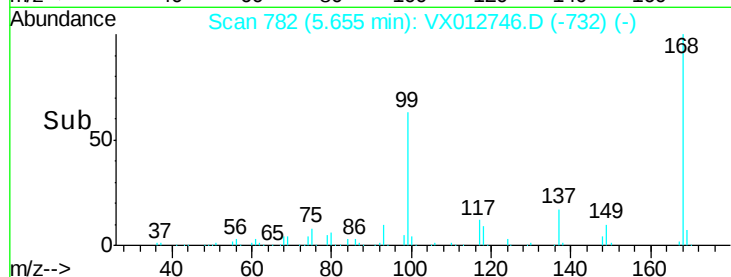
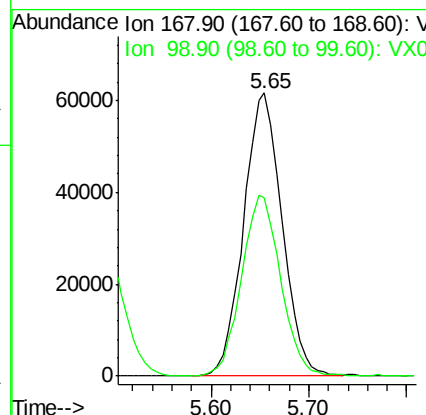
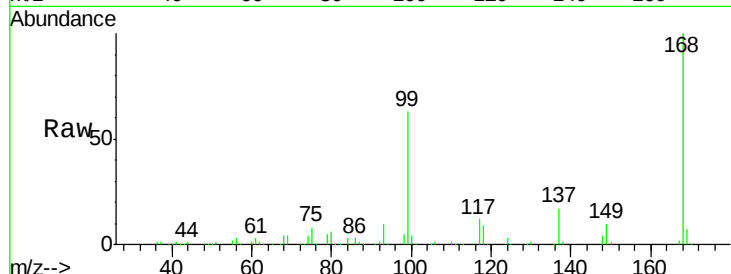
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion:168 Resp: 168113
Ion Ratio Lower Upper
168 100
99 62.9 51.4 77.2

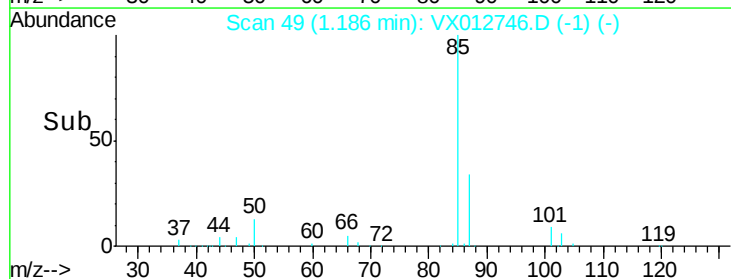
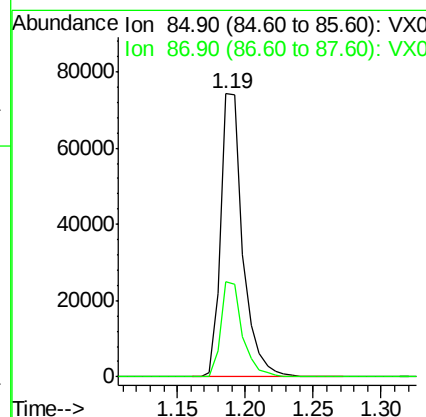
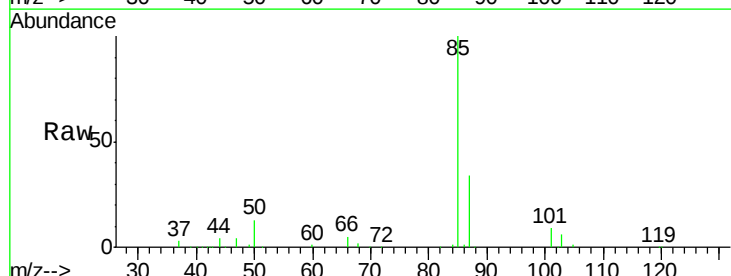
Manual Integrations
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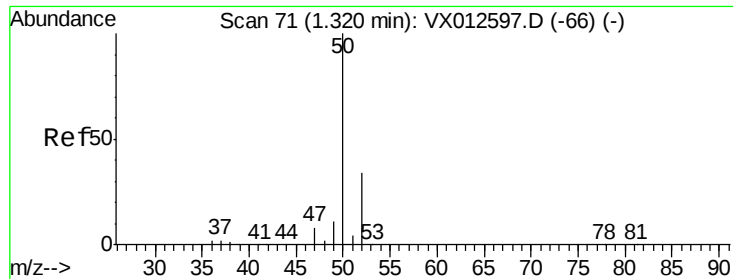
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#2
Dichlorodifluoromethane
Concen: 44.270 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 85 Resp: 83725
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8





#3

Chloromethane

Concen: 44.121 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

Tot Ion: 50 Resp: 95817

Ion Ratio Lower Upper

50 100

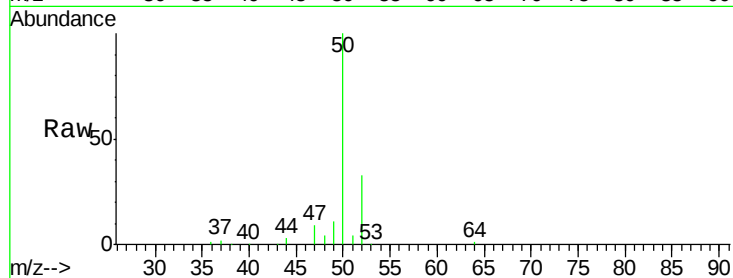
52 32.6 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

80000

60000

40000

20000

0

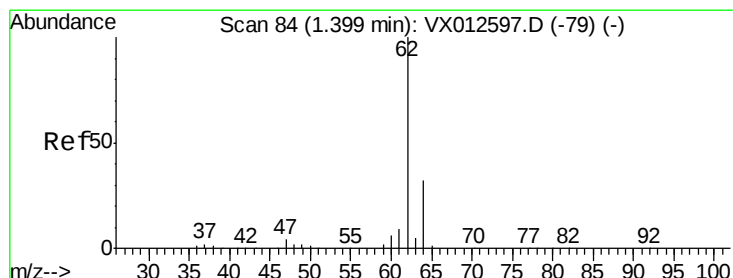
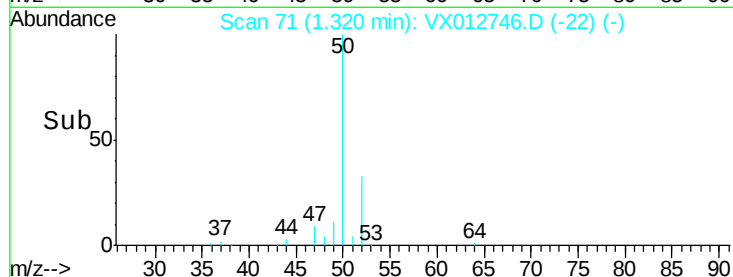
1.25

1.30

1.35

1.40

Time-->



#4

Vinyl Chloride

Concen: 46.012 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012746.D

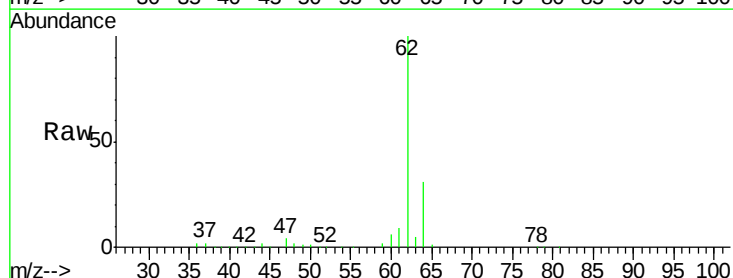
Acq: 01 Oct 2019 20:19

Tgt Ion: 62 Resp: 99320

Ion Ratio Lower Upper

62 100

64 31.2 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

100000

80000

60000

40000

20000

0

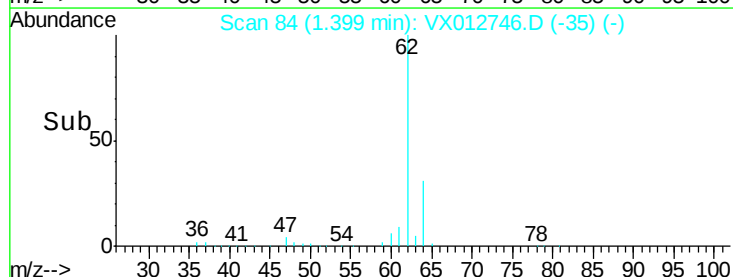
1.35

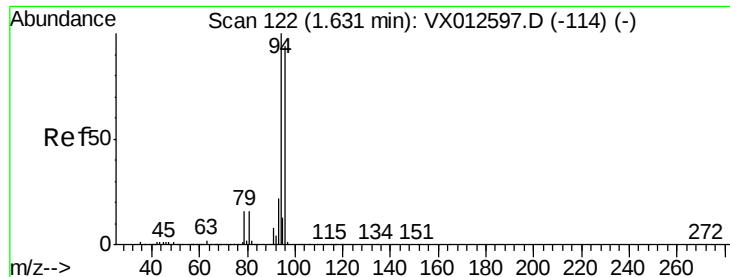
1.40

1.45

1.50

Time-->





#5

Bromomethane

Concen: 39.879 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

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Tot Ion: 94 Resp: 33845

Ion Ratio Lower Upper

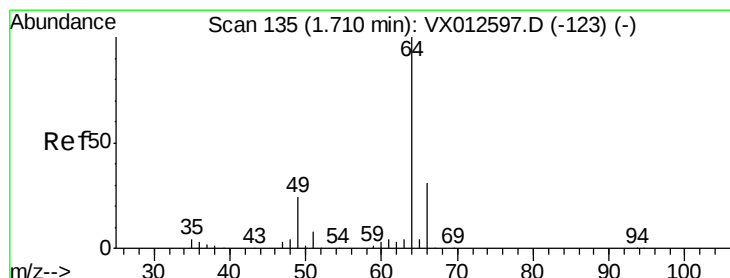
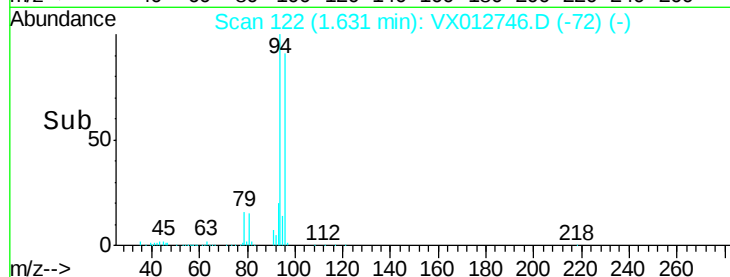
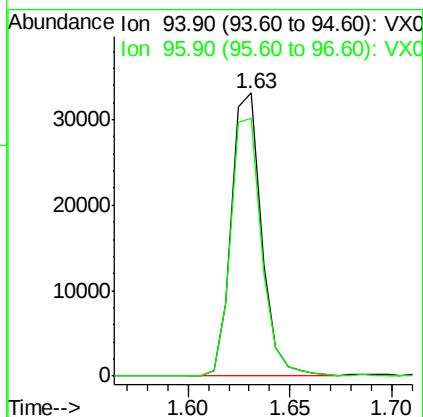
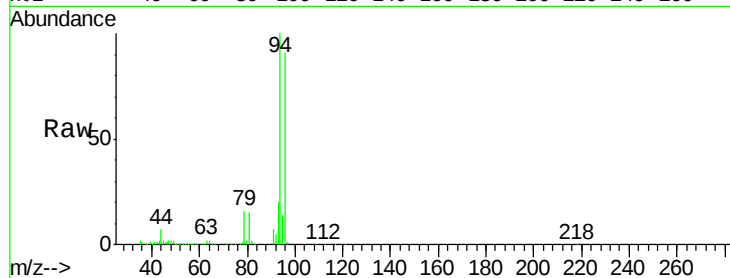
94 100

96 91.1 72.8 109.2

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#6

Chloroethane

Concen: 43.329 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012746.D

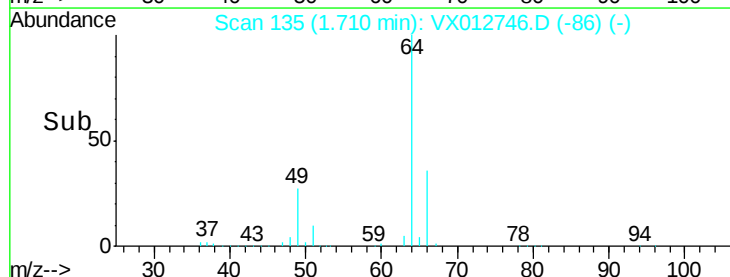
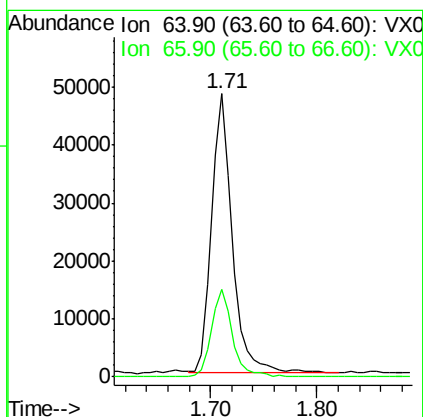
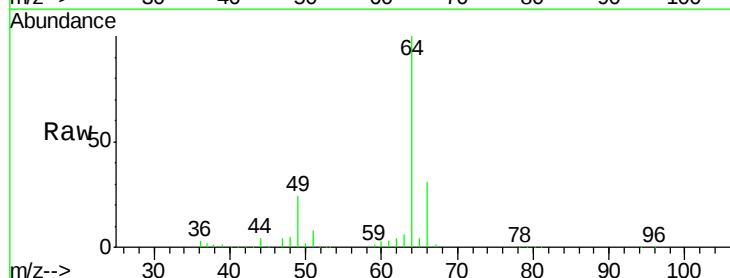
Acq: 01 Oct 2019 20:19

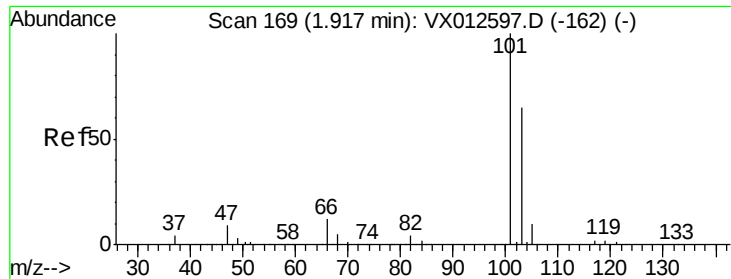
Tgt Ion: 64 Resp: 63051

Ion Ratio Lower Upper

64 100

66 31.4 24.0 36.0





#7

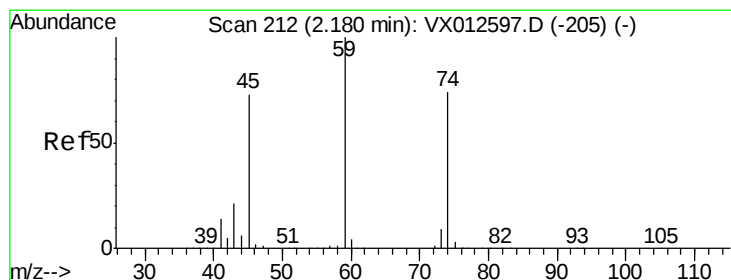
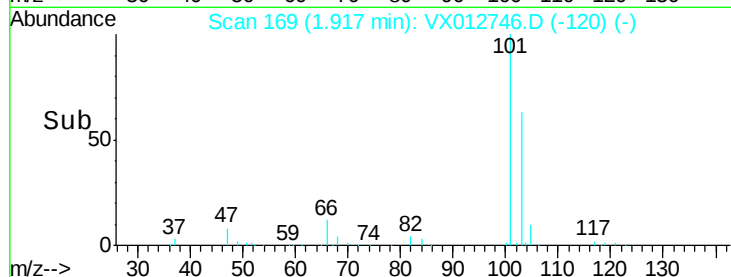
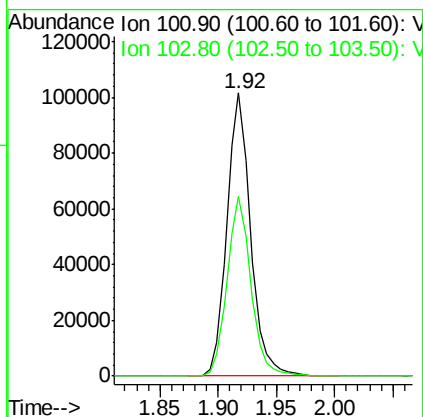
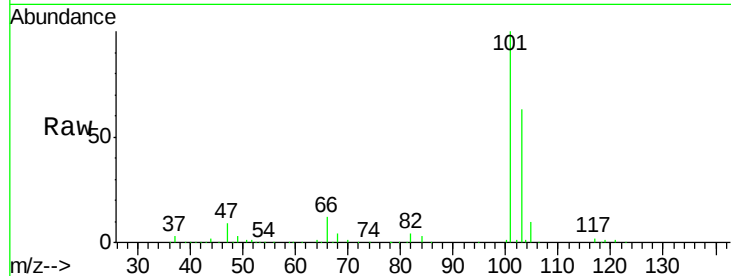
Trichlorofluoromethane
Concen: 47.268 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.0	76.4

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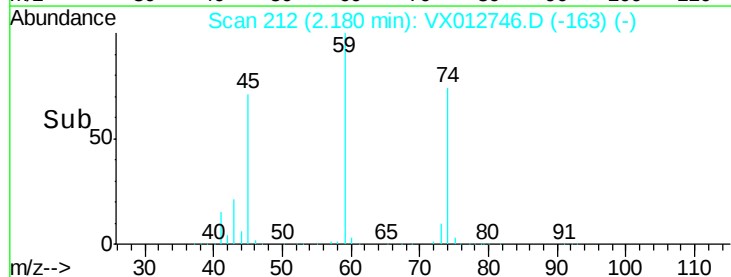
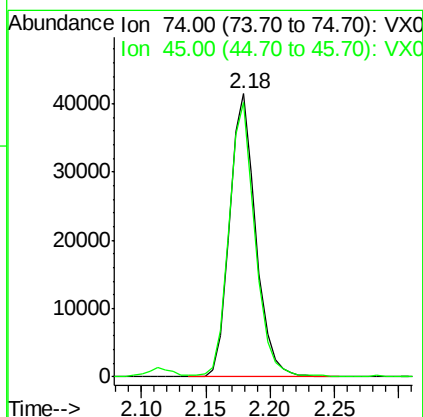
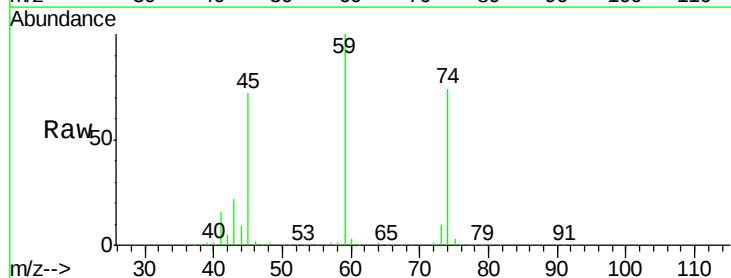
MMDadoda
10/2/2019 10:07:27 AM

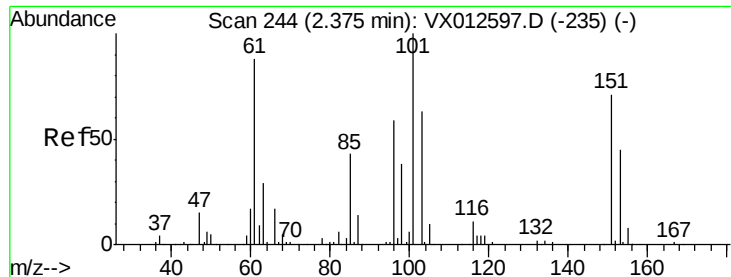


#8

Diethyl Ether
Concen: 47.449 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.088 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

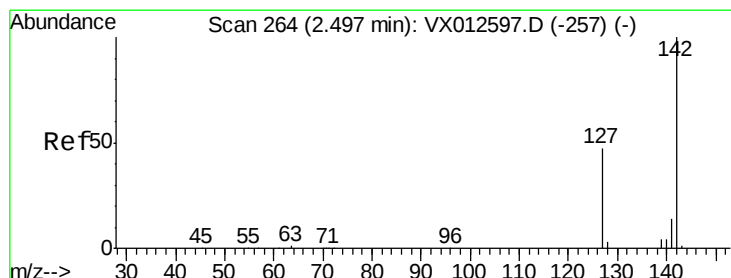
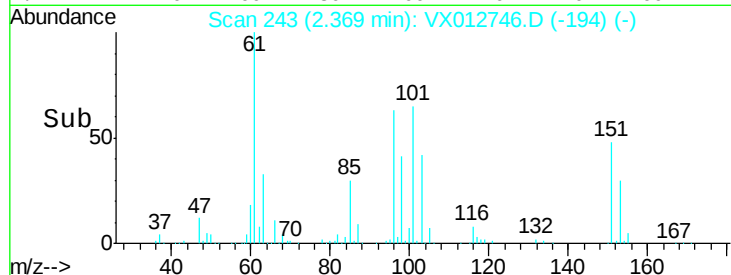
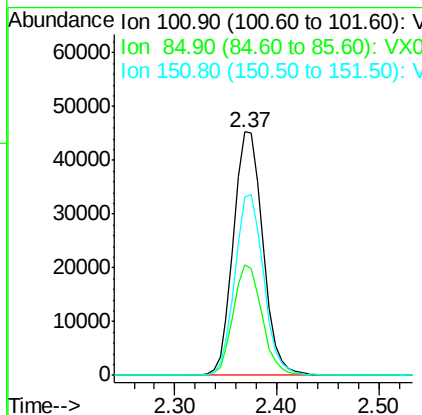
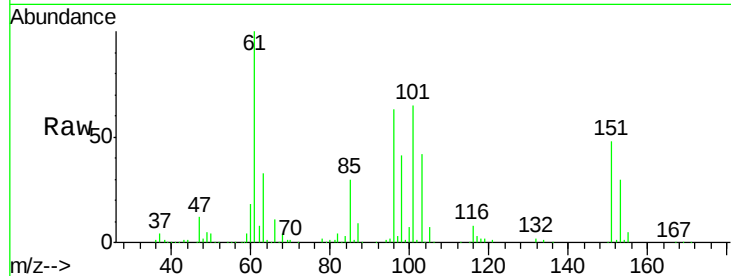
ClientSampleId :

SA-SW201-20190926MS

Tot Ion:	101	Resp:	90612
Ion Ratio	Lower	Upper	
101	100		
85	44.2	37.3	55.9
151	72.5	61.0	91.4

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#10

Methyl Iodide

Concen: 46.972 ug/l

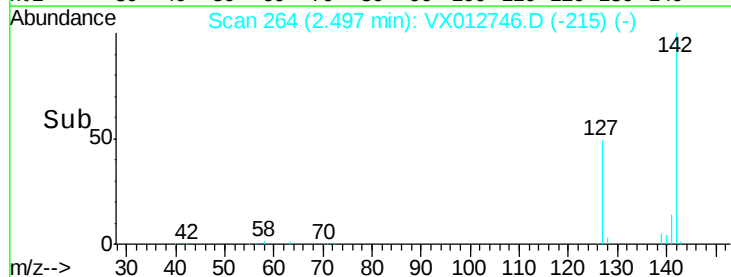
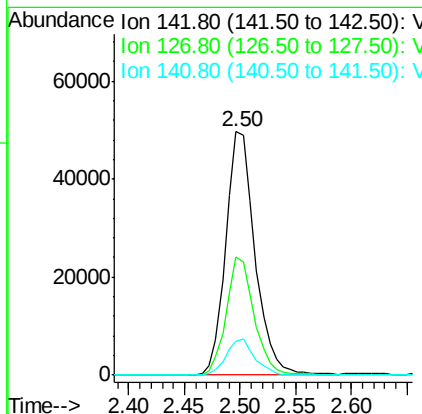
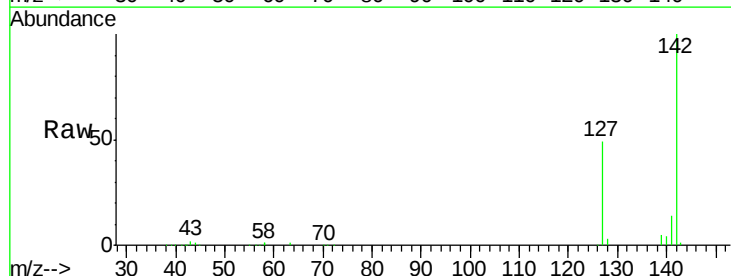
RT: 2.50 min Scan# 264

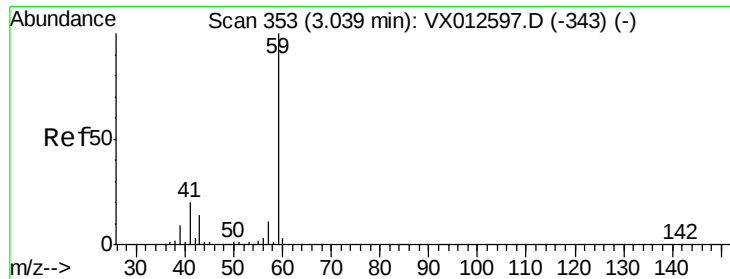
Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Tgt Ion:	142	Resp:	90695
Ion Ratio	Lower	Upper	
142	100		
127	46.3	40.8	61.2
141	14.4	12.1	18.1





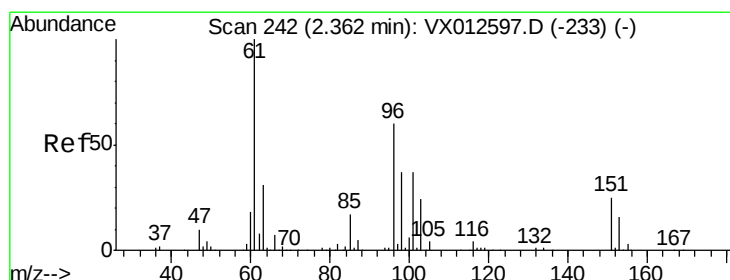
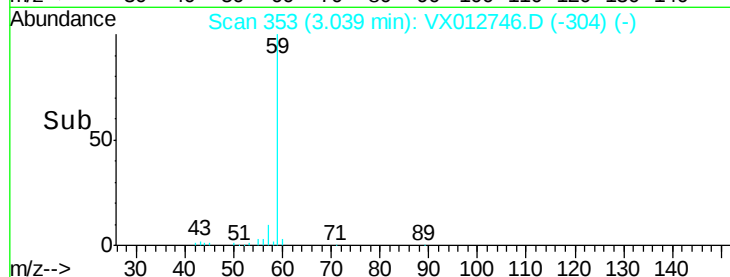
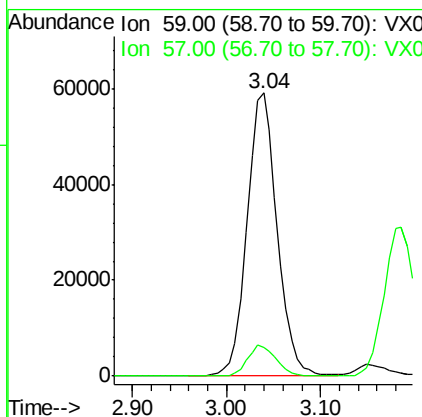
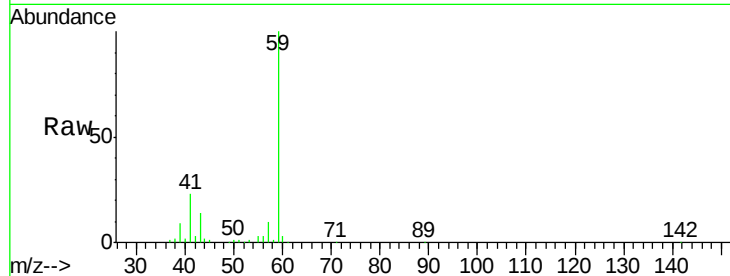
#11
Tert butyl alcohol
Concen: 217.201 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion: 59 Resp: 132827
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

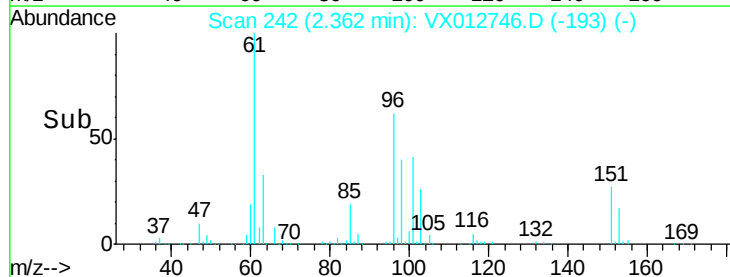
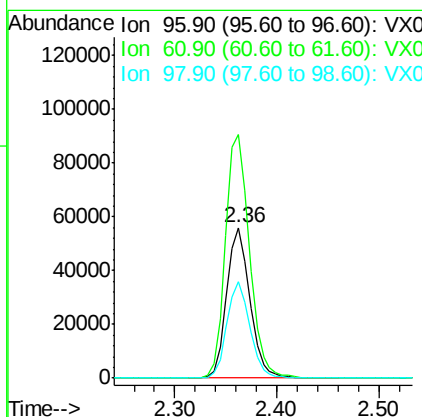
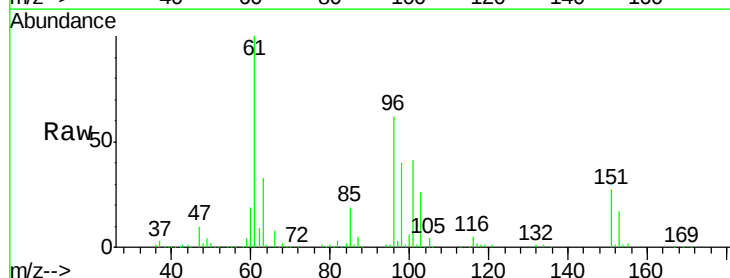
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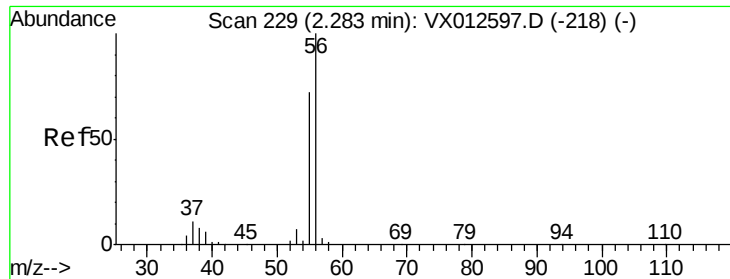
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.661 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 96 Resp: 87956
Ion Ratio Lower Upper
96 100
61 161.6 133.8 200.6
98 63.9 49.9 74.9





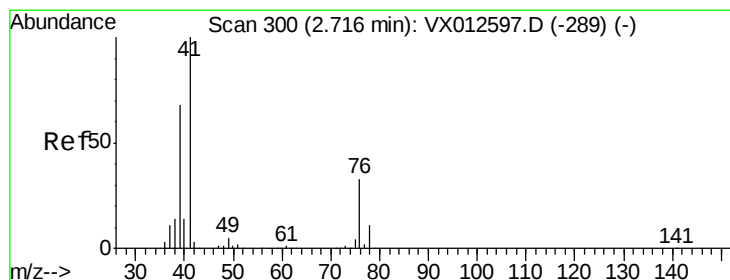
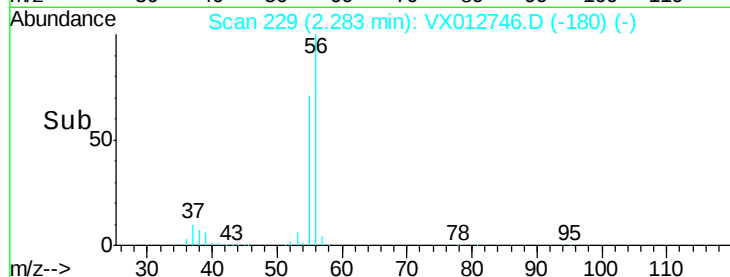
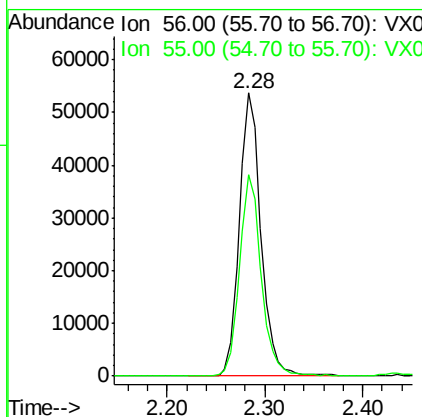
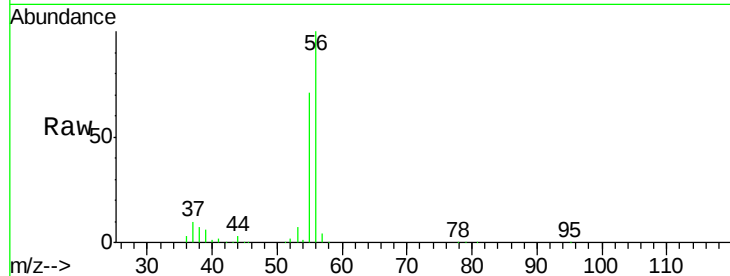
#13
Acrolein
Concen: 241.092 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion	56	55	Ratio	100	72.4	Resp	82002	Lower	Upper
Ion	56	55	Ratio	100	72.4	Resp	82002	Lower	Upper
								55.8	83.8

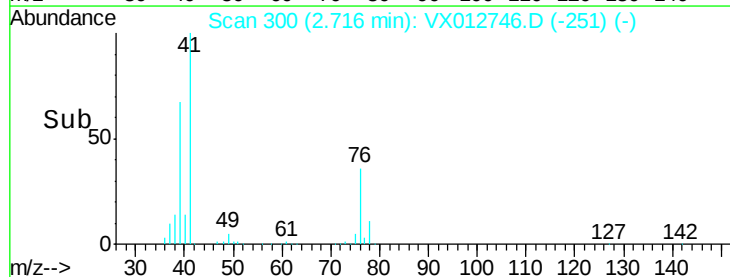
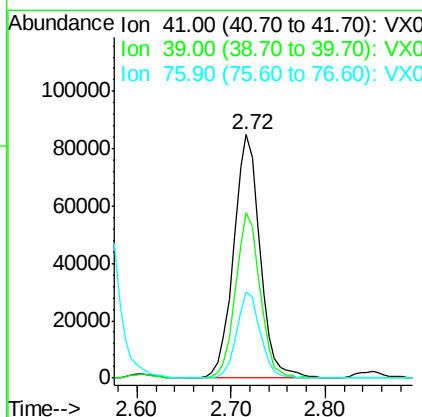
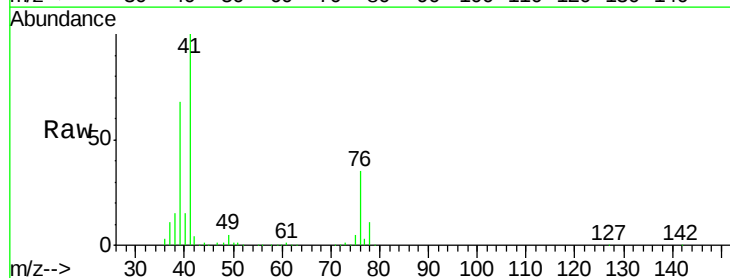
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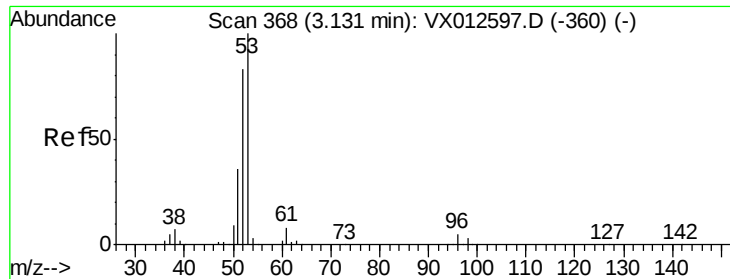
MMDadoda
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#14
Allyl chloride
Concen: 46.100 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion	41	39	76	Ratio	100	62.9	31.8	Resp	165320	Lower	Upper
Ion	41	39	76	Ratio	100	62.9	31.8	Resp	165320	Lower	Upper
										51.3	76.9
										22.6	33.8





#15

Acrylonitrile

Concen: 249.773 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

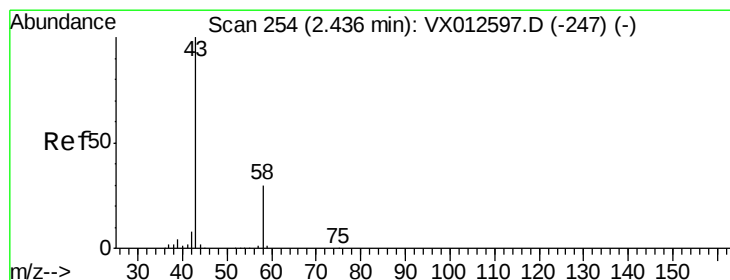
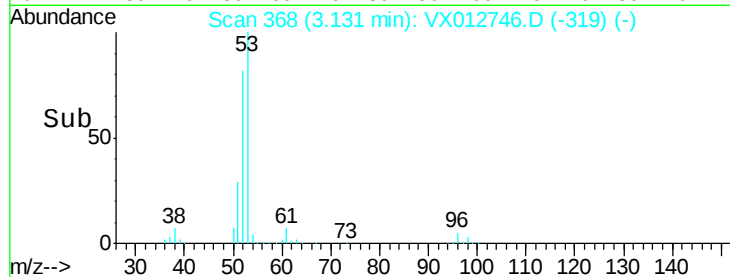
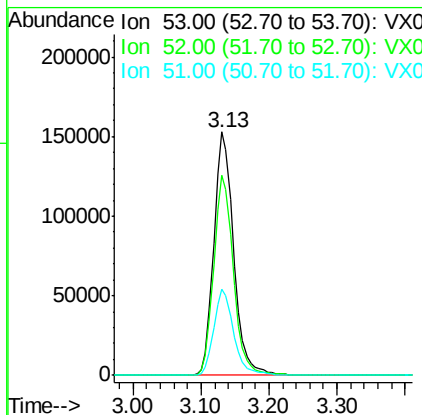
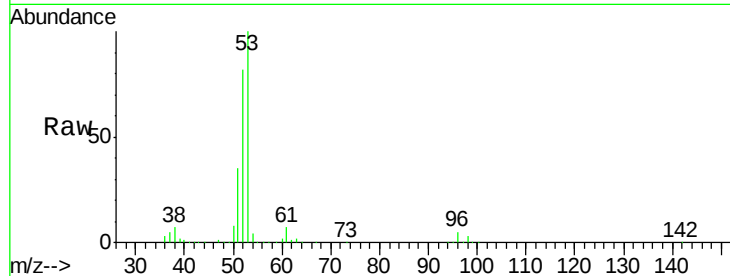
ClientSampleId :

SA-SW201-20190926MS

Tot Ion:	53	Resp:	309889
Ion	Ratio	Lower	Upper
53	100		
52	81.4	67.0	100.4
51	35.8	29.6	44.4

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#16

Acetone

Concen: 206.732 ug/l

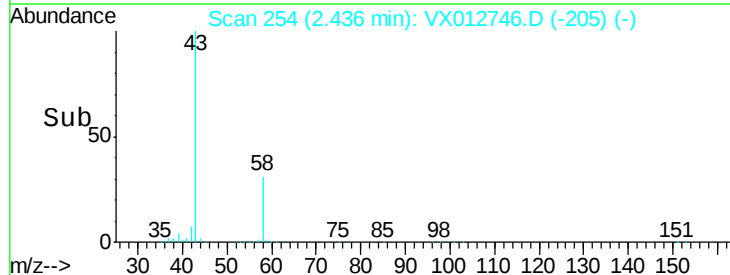
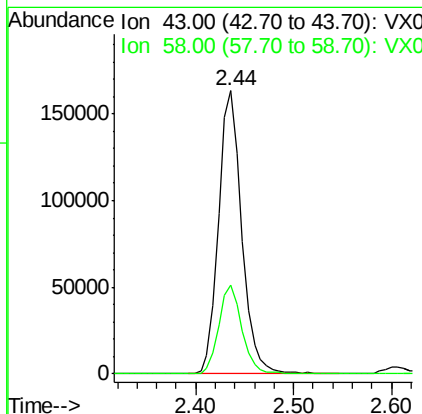
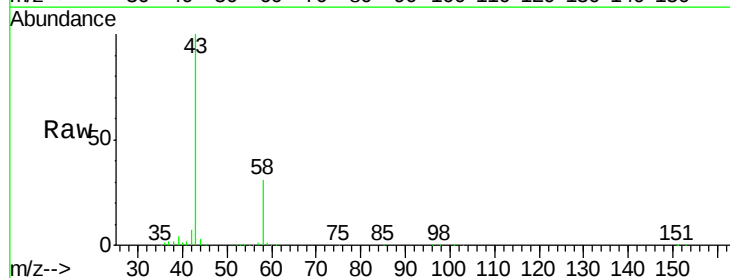
RT: 2.44 min Scan# 254

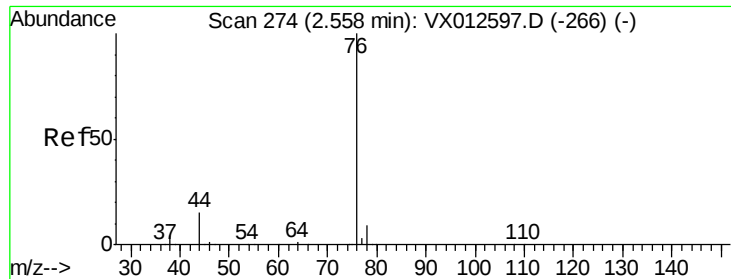
Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Tgt Ion:	43	Resp:	268067
Ion	Ratio	Lower	Upper
43	100		
58	31.3	23.3	34.9





#17

Carbon Disulfide

Concen: 43.708 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

Tot Ion: 76 Resp: 221482

Ion Ratio Lower Upper

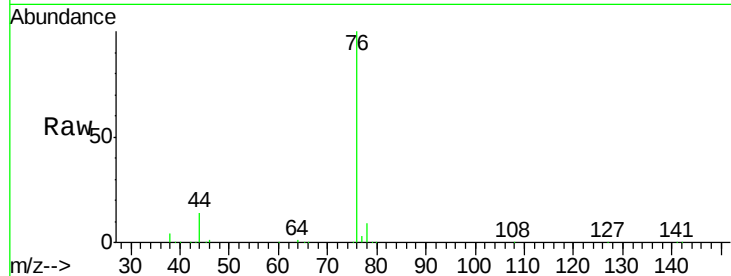
76 100

78 8.7 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

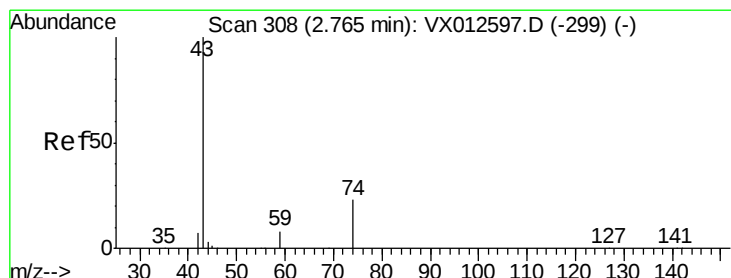
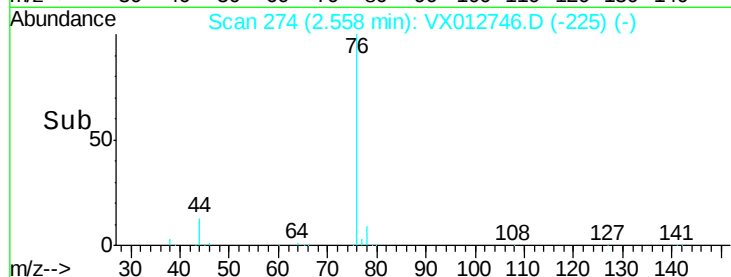
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.395 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012746.D

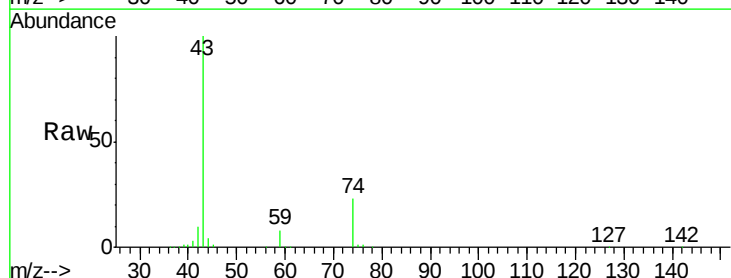
Acq: 01 Oct 2019 20:19

Tgt Ion: 43 Resp: 138603

Ion Ratio Lower Upper

43 100

74 23.6 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

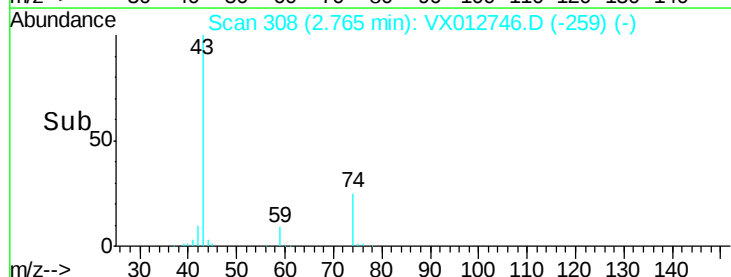
60000

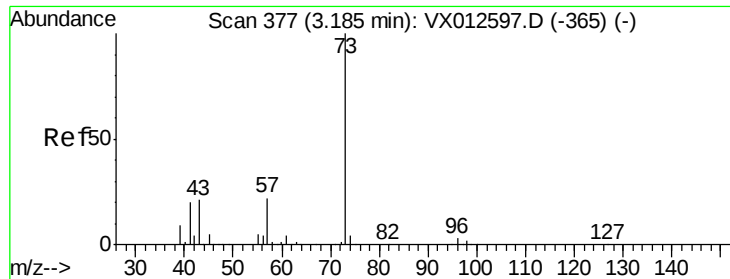
40000

20000

0

Time-->





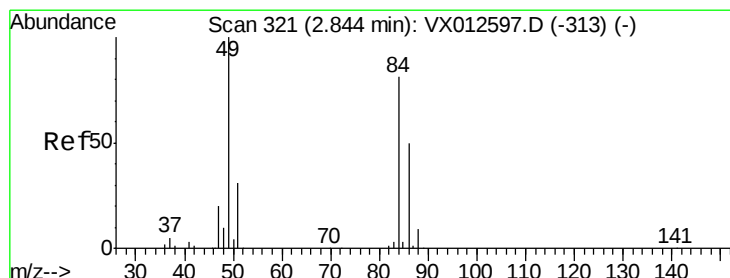
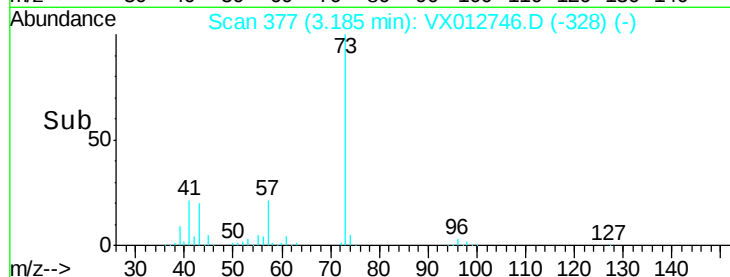
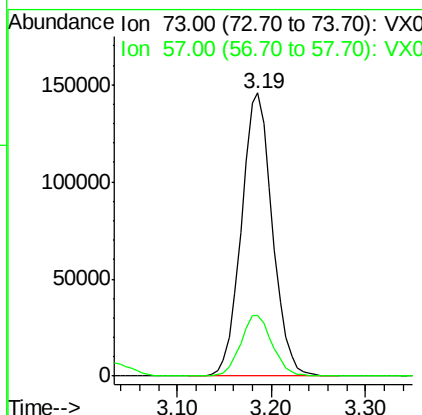
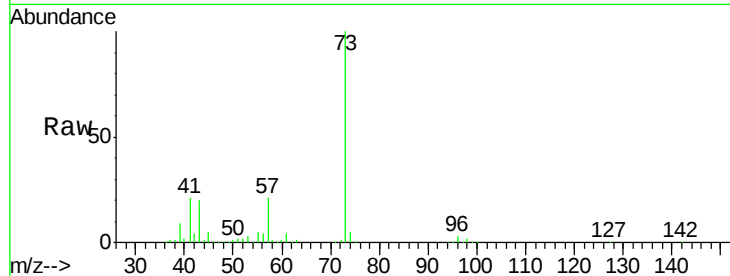
#19
Methvl tert-butvl Ether
Concen: 48.923 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	21.3	16.8	25.2

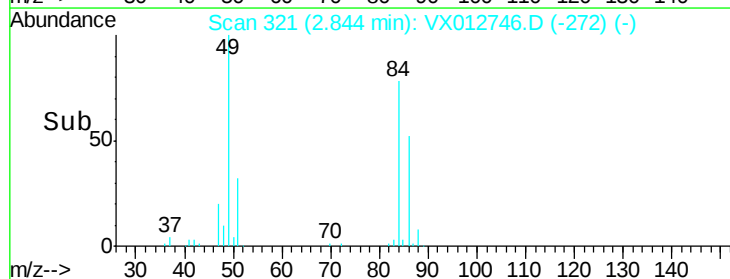
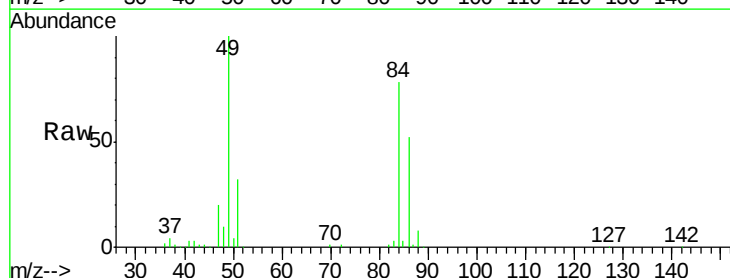
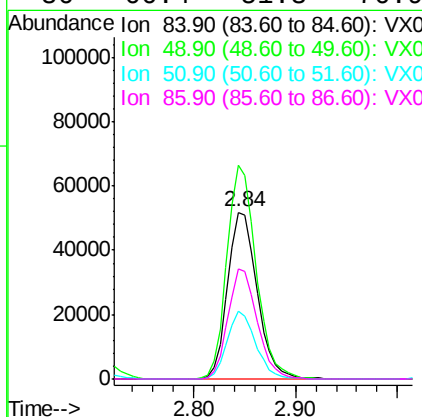
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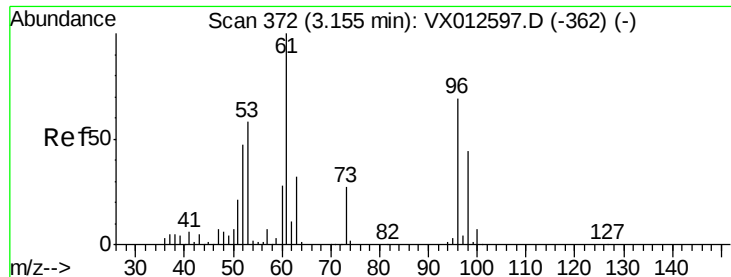
MMDadoda
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#20
Methylene Chloride
Concen: 47.440 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	128.3	106.8	160.2
51	51	40.9	32.3	48.5
86	86	66.4	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 48.476 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

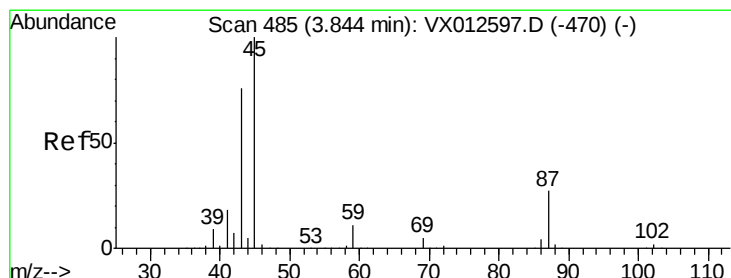
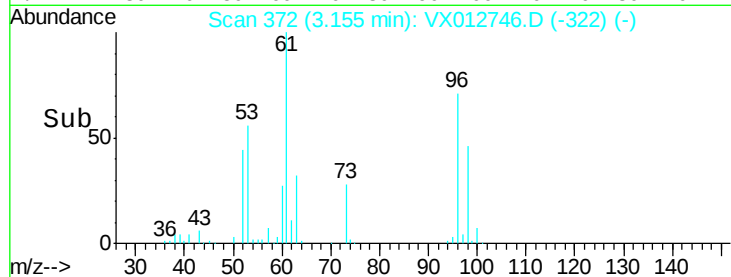
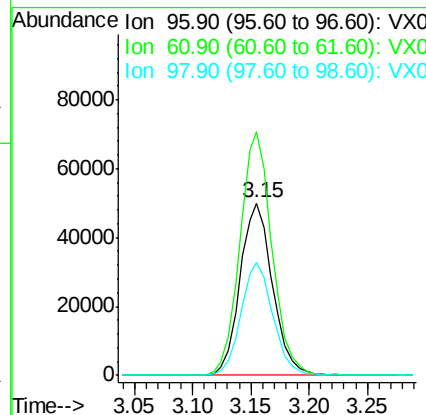
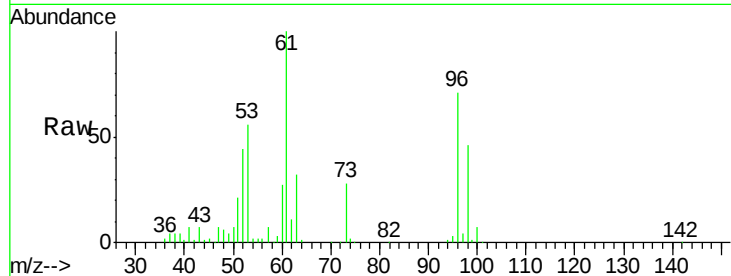
ClientSampleId :

SA-SW201-20190926MS

Tot Ion:	96	Resp:	97072
Ion	Ratio	Lower	Upper
96	100		
61	141.6	112.0	168.0
98	65.8	47.8	71.8

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#22

Diisopropyl ether

Concen: 48.303 ug/l

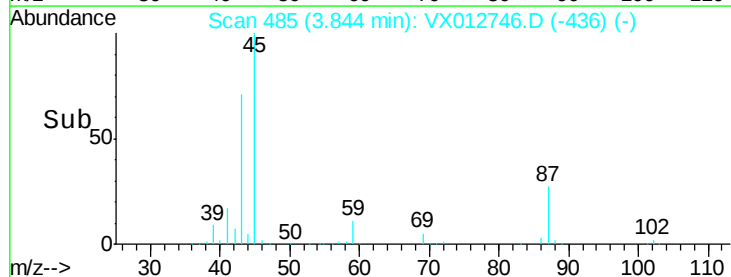
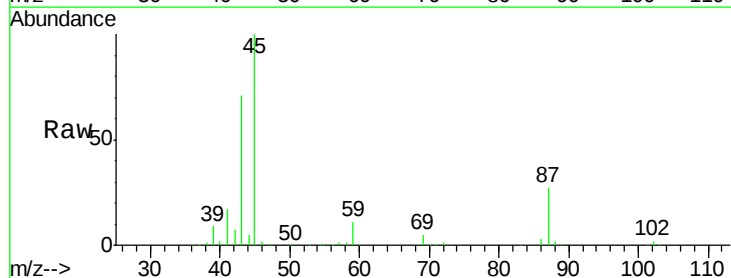
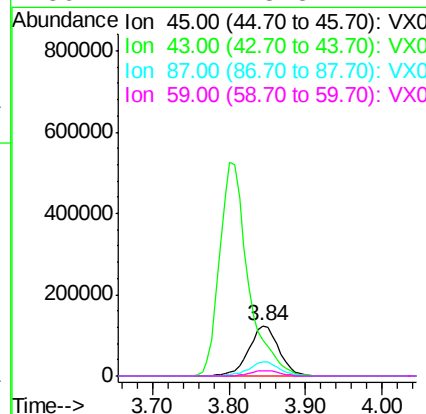
RT: 3.84 min Scan# 485

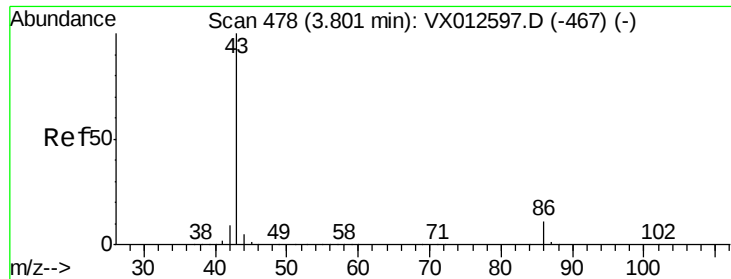
Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Tgt Ion:	45	Resp:	334707
Ion	Ratio	Lower	Upper
45	100		
43	71.2	57.8	86.8
87	27.4	21.3	31.9
59	11.2	8.5	12.7





#23

Vinyl Acetate

Concen: 224.943 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

Tot Ion: 43 Resp: 1366914

Ion Ratio Lower Upper

43 100

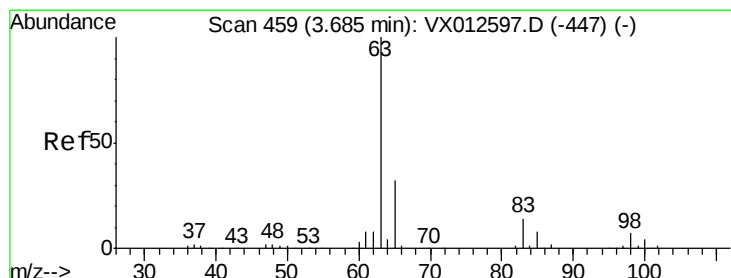
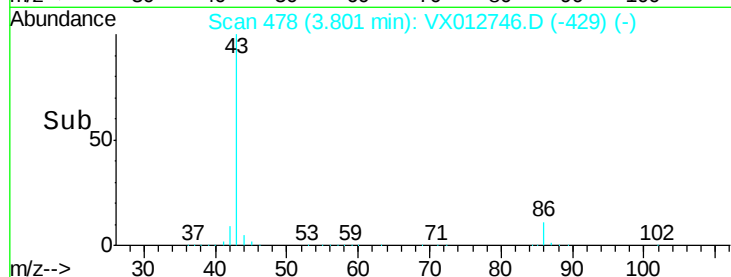
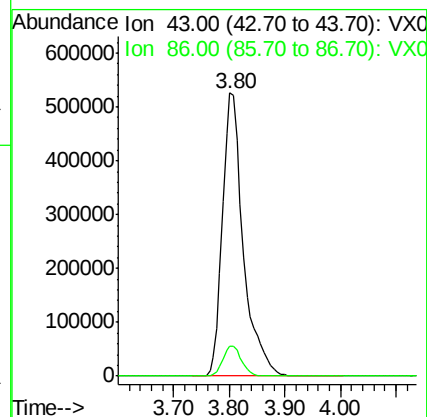
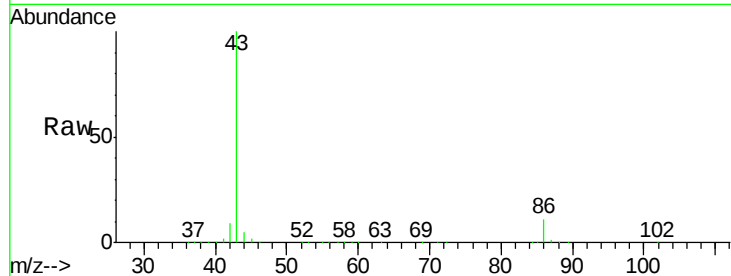
86 10.7 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 48.529 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

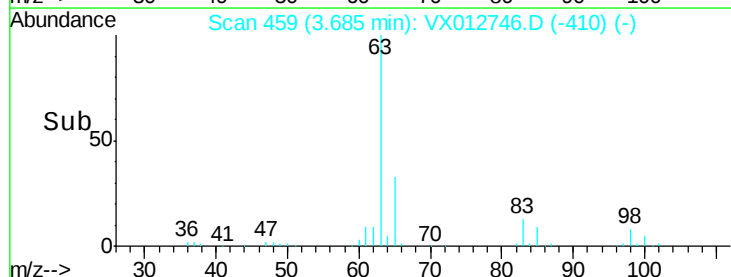
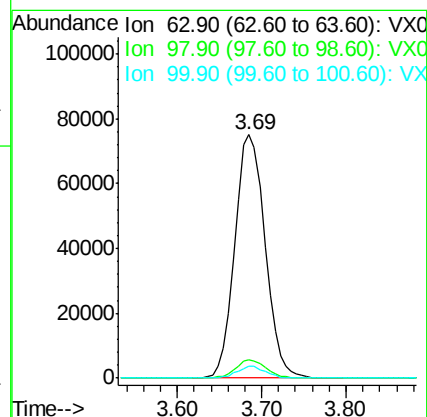
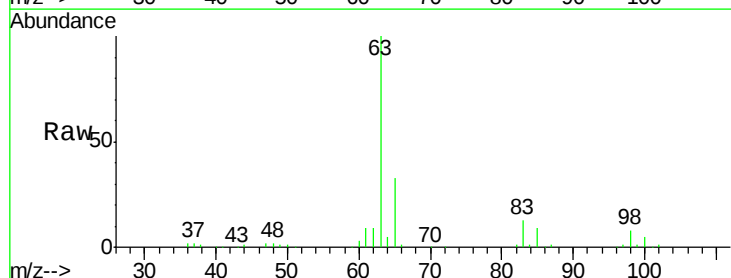
Tgt Ion: 63 Resp: 182788

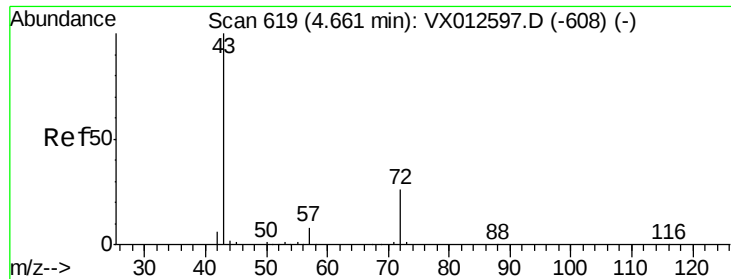
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 225.898 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

Tot Ion: 43 Resp: 420001

Ion Ratio Lower Upper

43 100

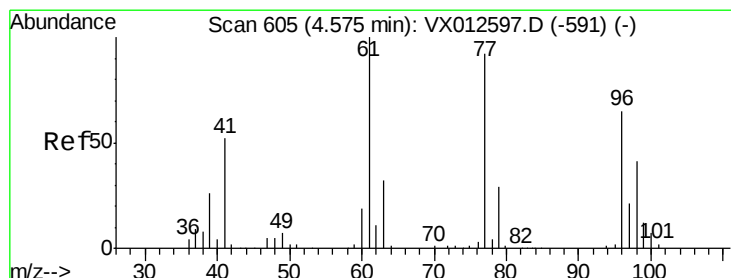
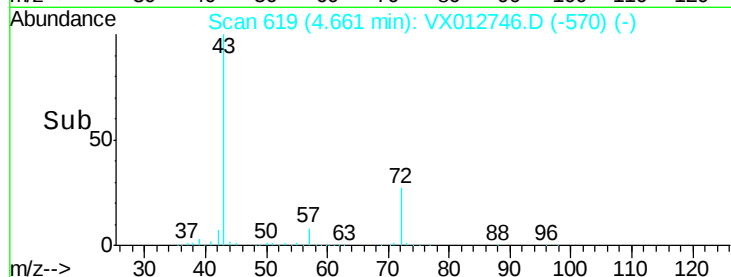
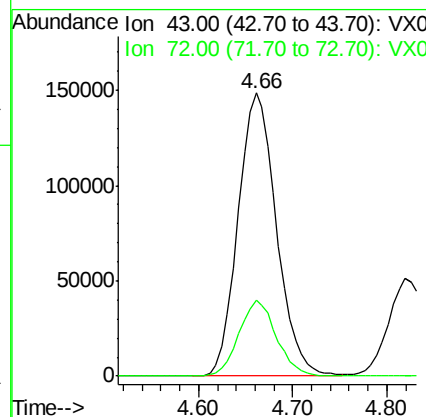
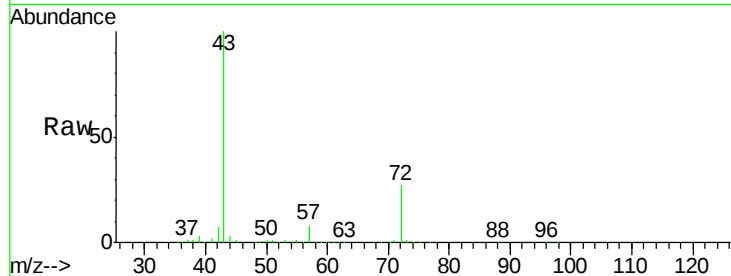
72 26.7 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 36.732 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012746.D

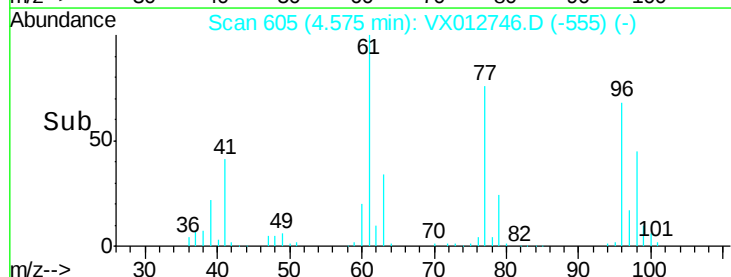
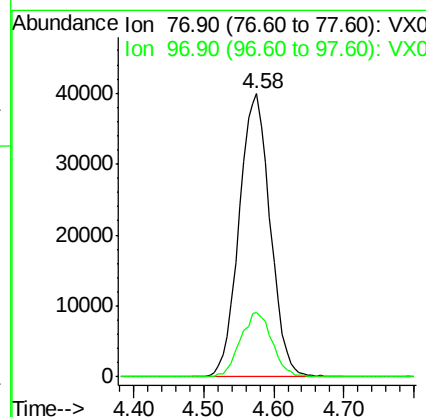
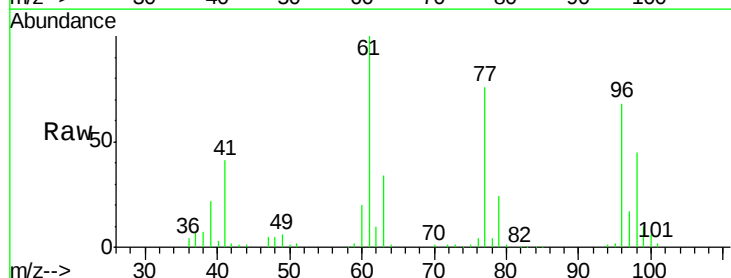
Acq: 01 Oct 2019 20:19

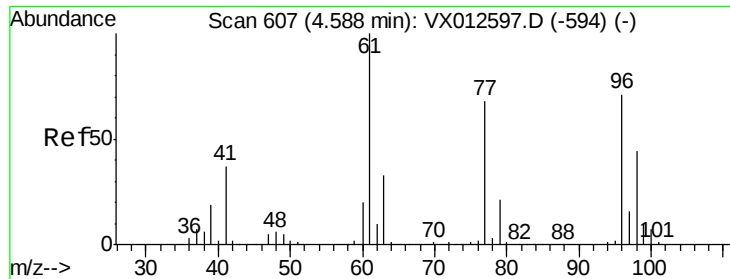
Tgt Ion: 77 Resp: 123054

Ion Ratio Lower Upper

77 100

97 23.2 10.5 31.6





#27

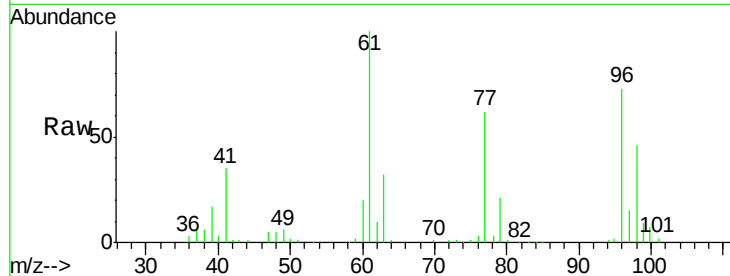
cis-1,2-Dichloroethene
Concen: 48.752 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

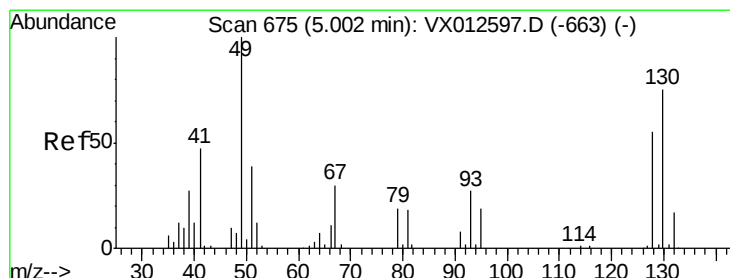
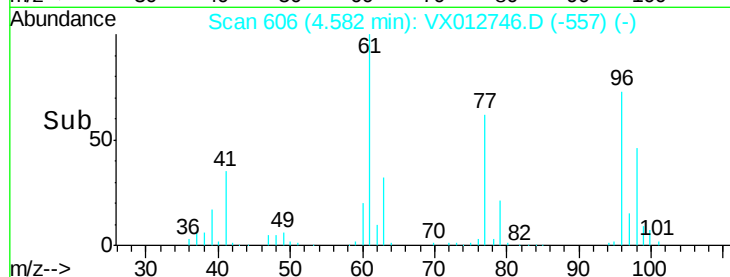
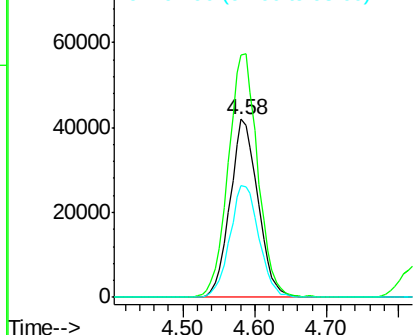
Tot Ion	Ratio	Resp	Lower	Upper
96	100	113276		
61	144.0	0.0	319.4	
98	65.3	0.0	130.6	

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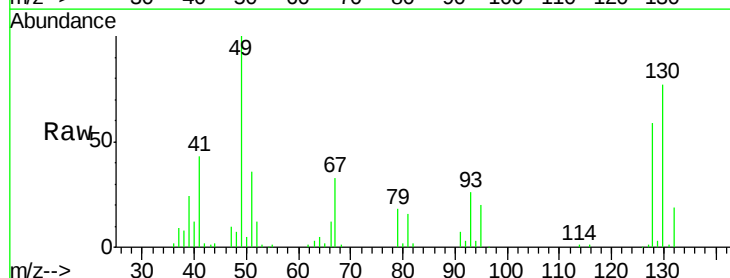
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



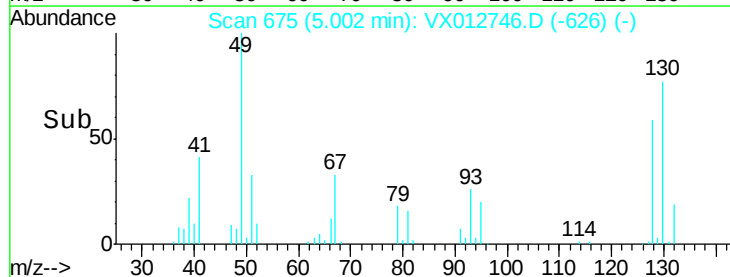
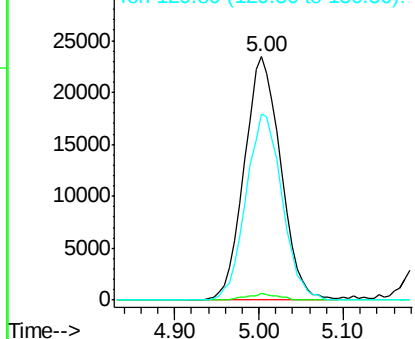
#28

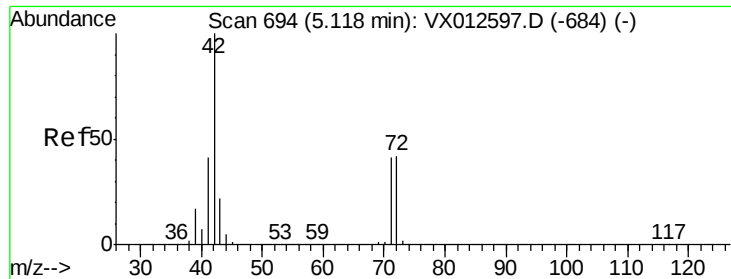
Bromochloromethane
Concen: 50.370 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	68889		
129	2.1	0.0	3.8	
130	76.1	58.2	87.4	



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





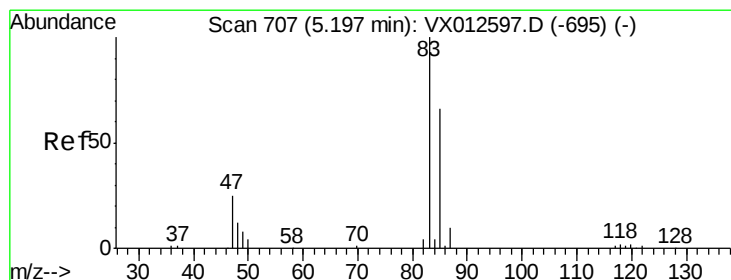
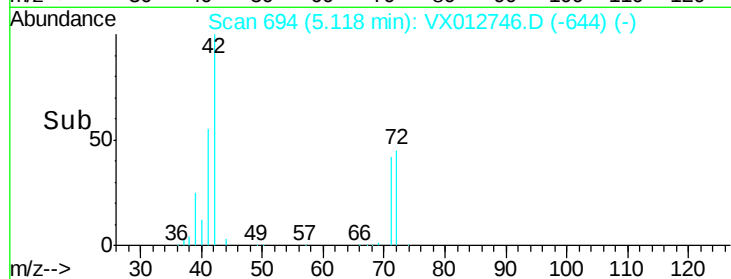
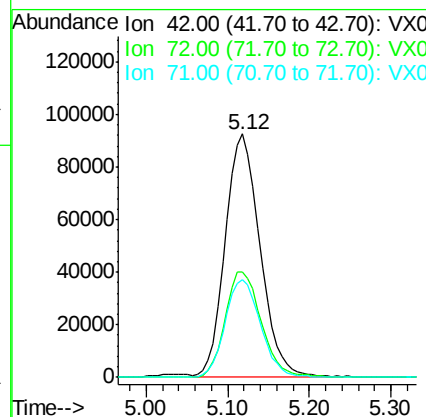
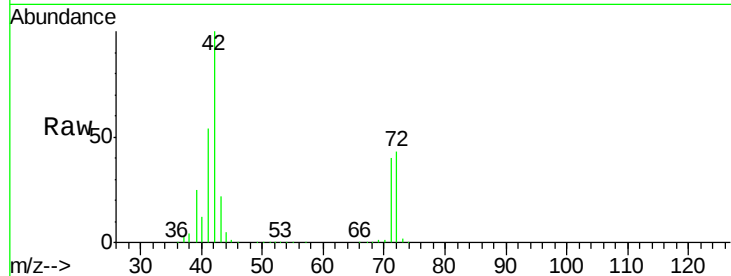
#29
Tetrahydrofuran
Concen: 241.731 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	34.0	51.0
71	41.0	31.5	47.3

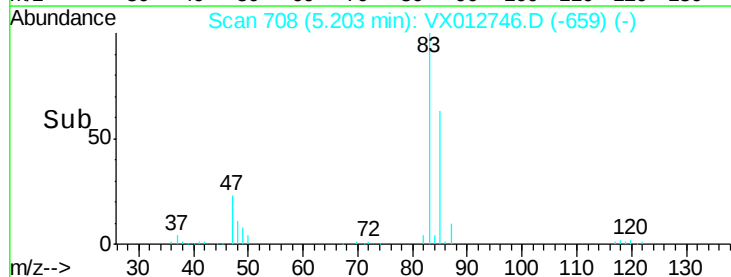
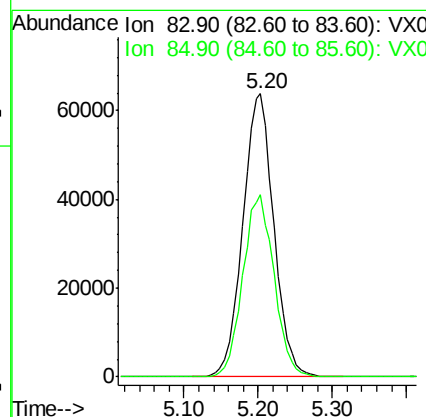
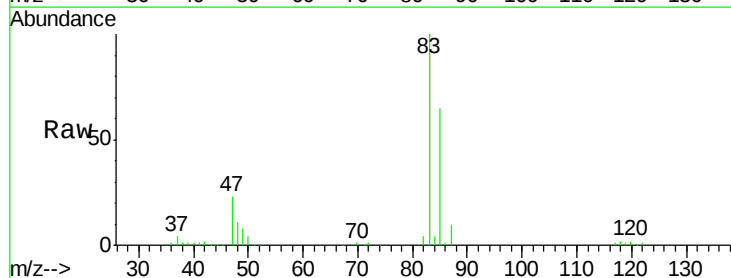
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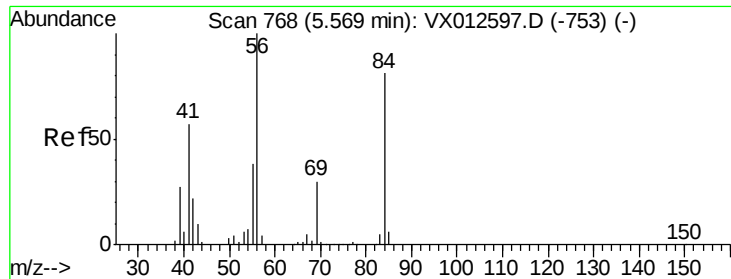
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#30
Chloroform
Concen: 48.187 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.0	79.4





#31

Cyclohexane

Concen: 47.308 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

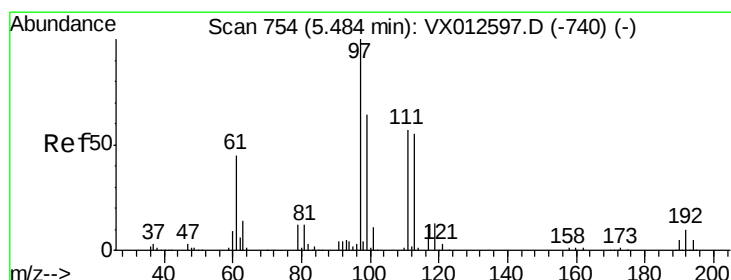
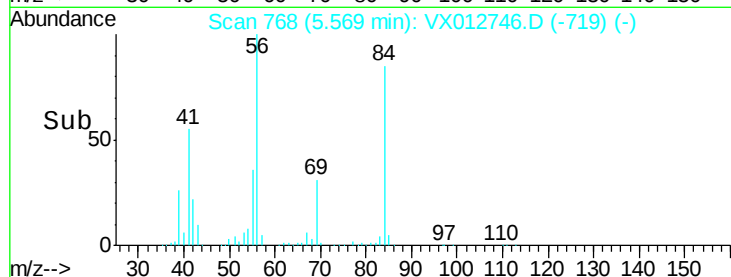
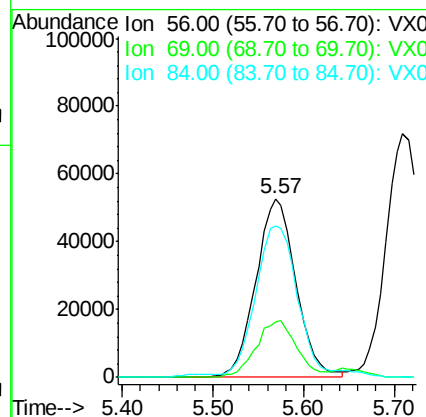
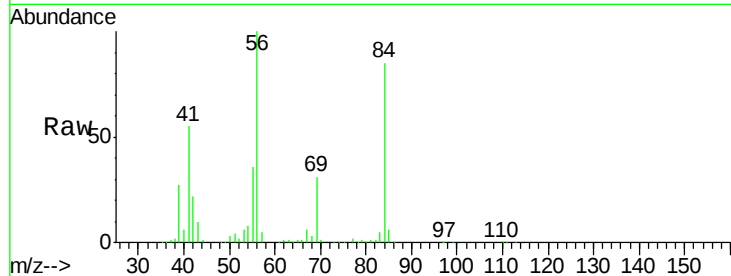
ClientSampleId :

SA-SW201-20190926MS

Tot Ion:	56	Resp:	161205
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.0	37.6
84	82.9	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 48.149 ug/l

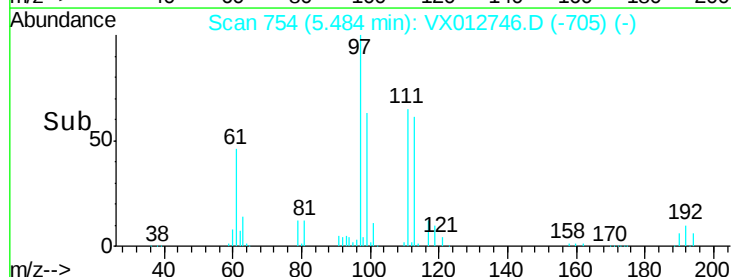
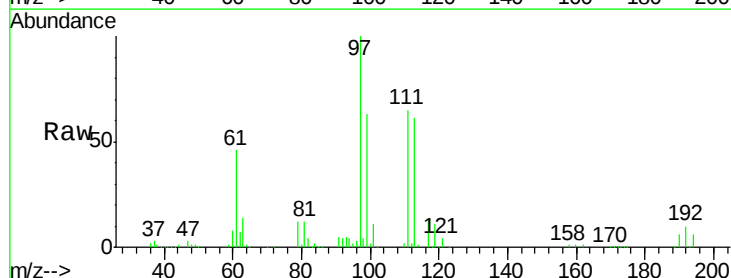
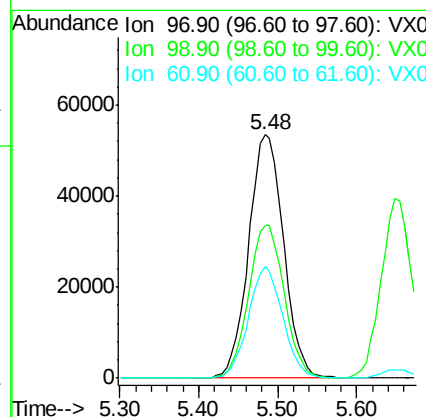
RT: 5.48 min Scan# 754

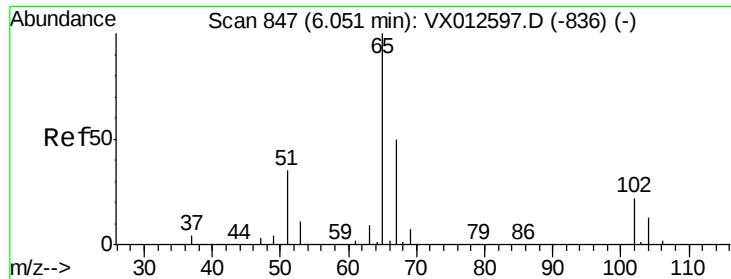
Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Tgt Ion:	97	Resp:	164445
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	45.1	36.1	54.1





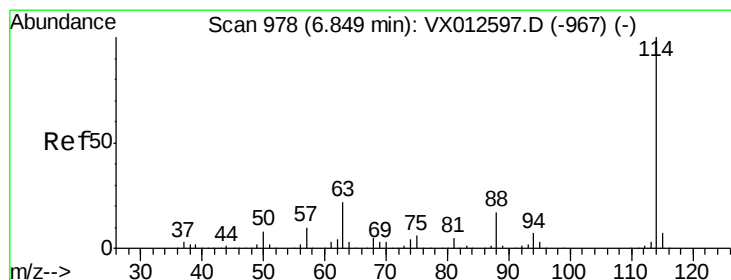
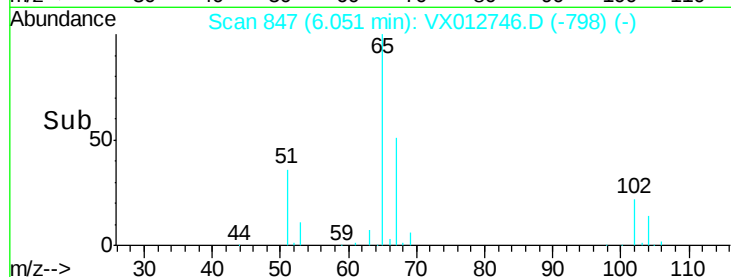
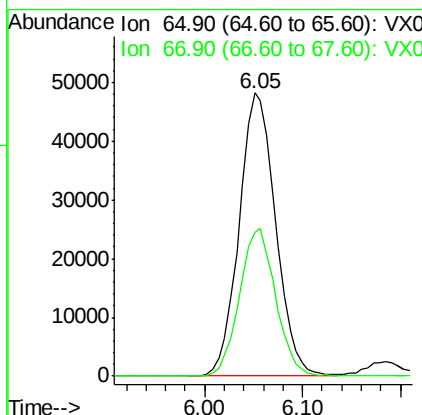
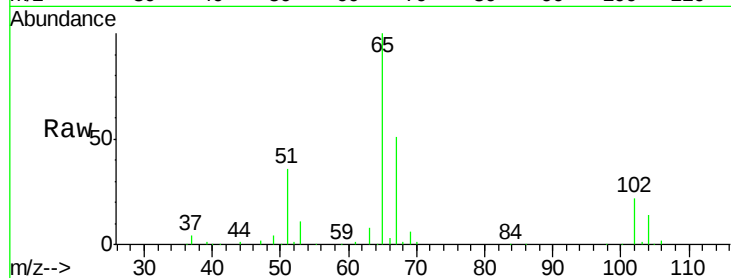
#33
 1,2-Dichloroethane-d4
 Concen: 50.935 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	124691		
67	51.6	0.0	101.2	

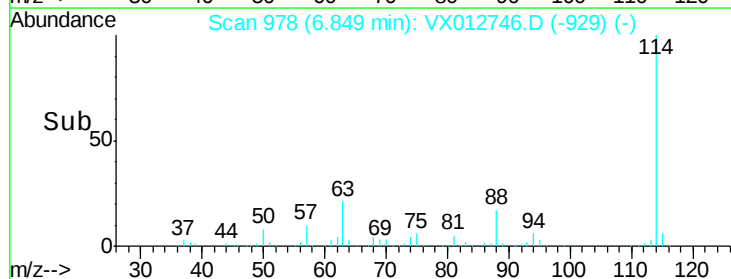
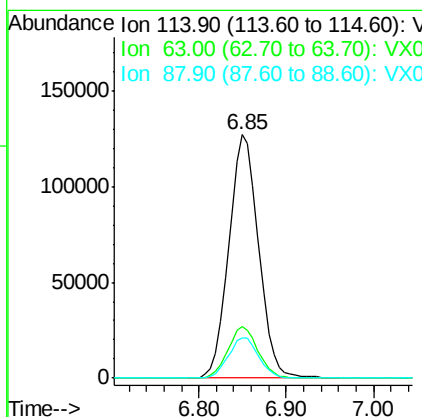
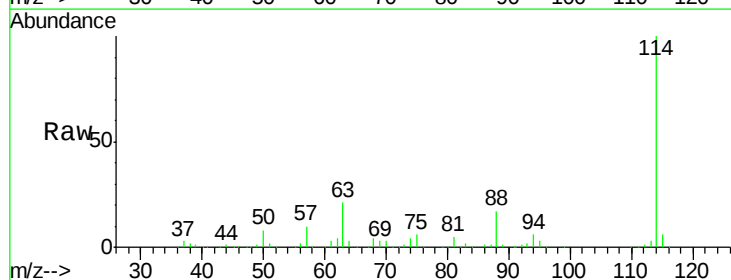
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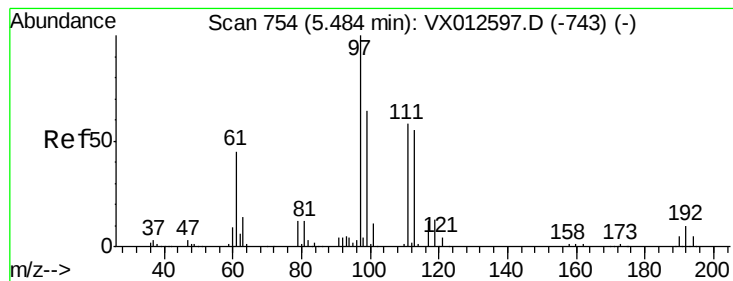
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	300373		
63	21.0	0.0	43.2	
88	16.7	0.0	33.2	





#35

Dibromofluoromethane

Concen: 53.266 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

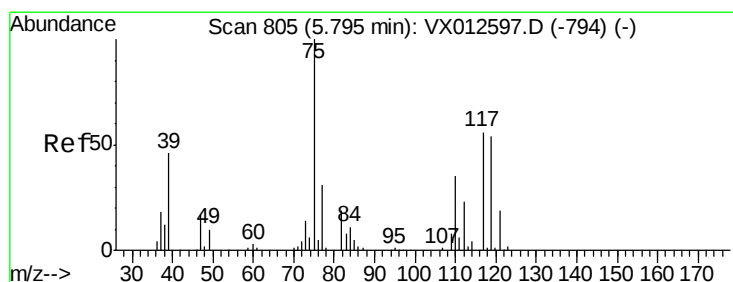
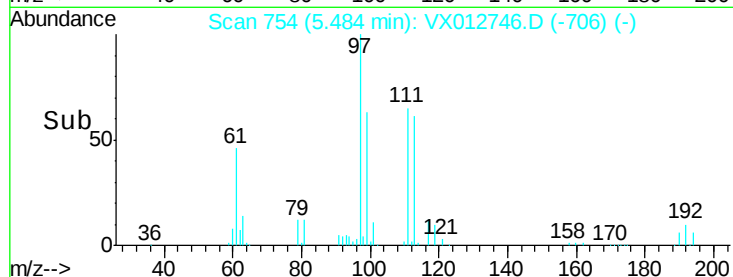
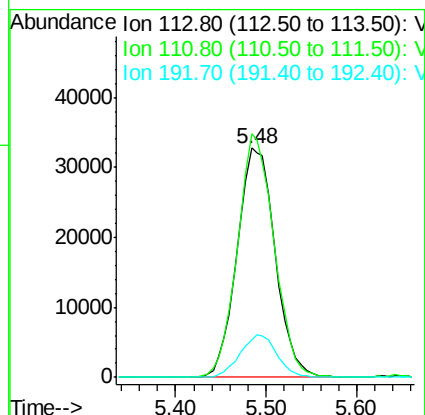
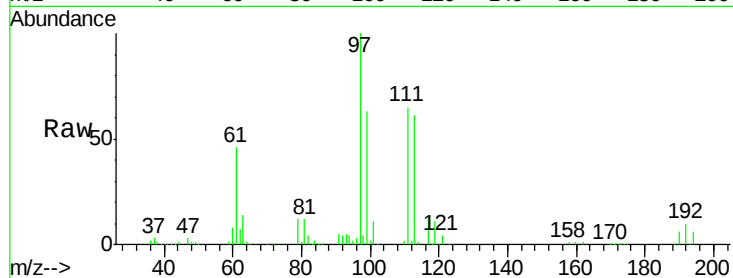
ClientSampleId :

SA-SW201-20190926MS

Tot Ion:	113	Resp:	95285
Ion Ratio	Lower	Upper	
113	100		
111	102.3	83.4	125.2
192	17.9	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 47.488 ug/l

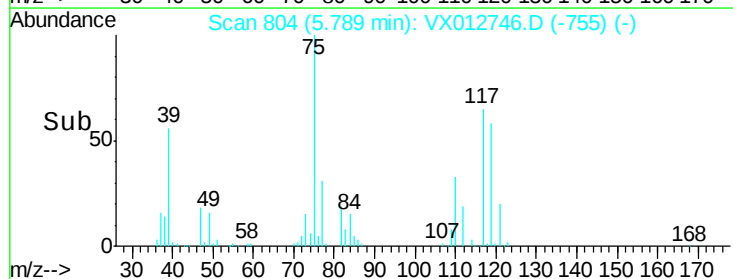
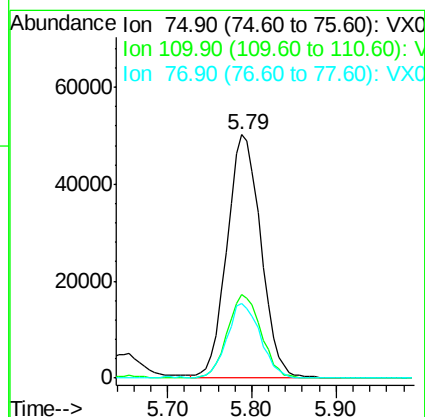
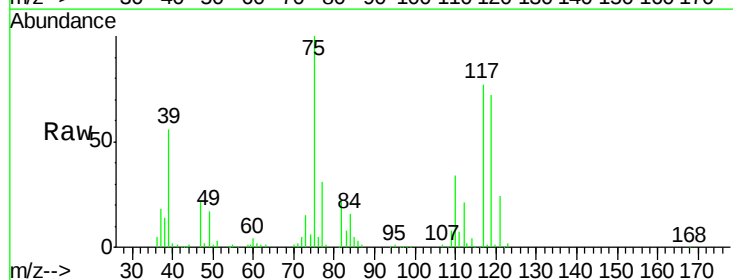
RT: 5.79 min Scan# 804

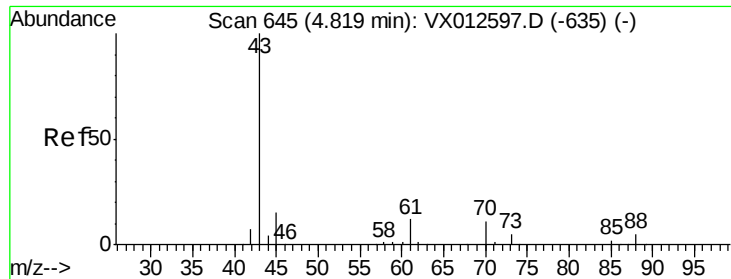
Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Tgt Ion:	75	Resp:	137491
Ion Ratio	Lower	Upper	
75	100		
110	34.2	16.7	50.0
77	30.3	24.2	36.2





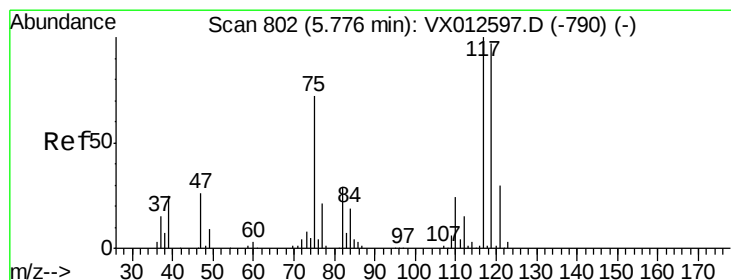
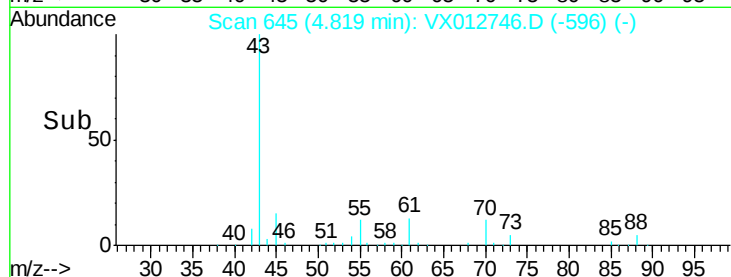
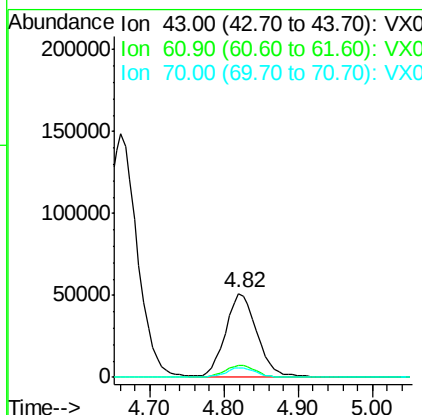
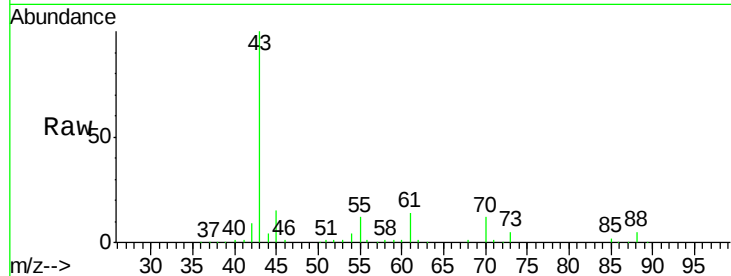
#37
Ethyl Acetate
Concen: 44.521 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.2	15.4
70	11.6	8.7	13.1

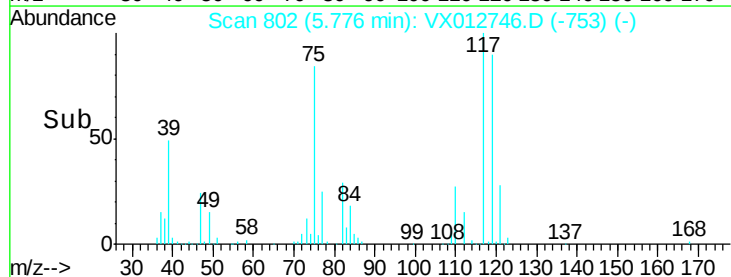
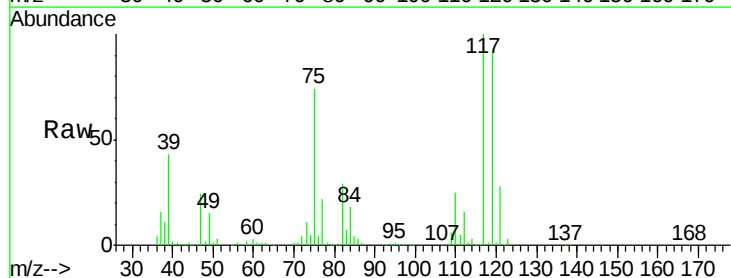
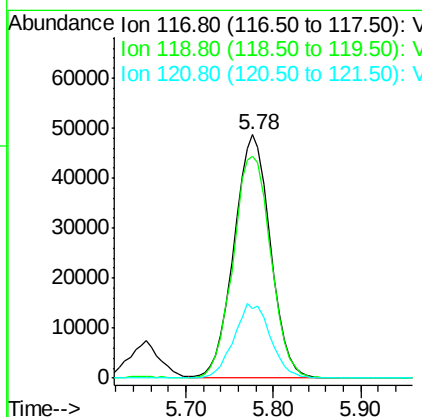
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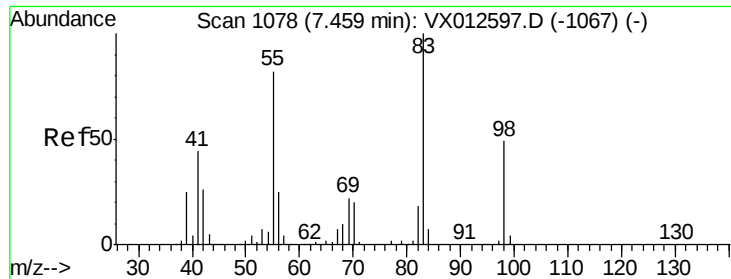
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#38
Carbon Tetrachloride
Concen: 47.834 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	75.7	113.5
121	28.4	24.2	36.4





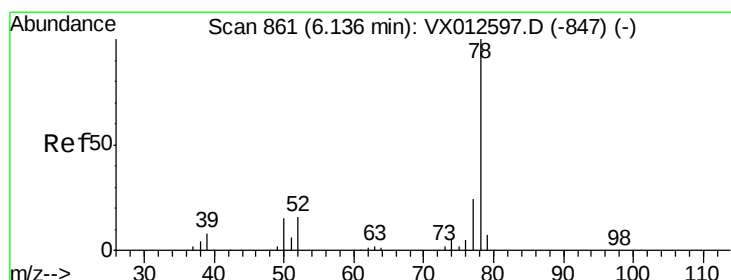
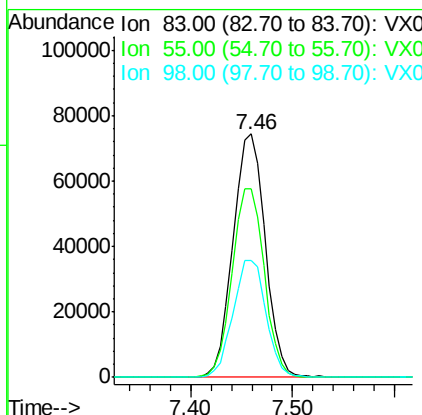
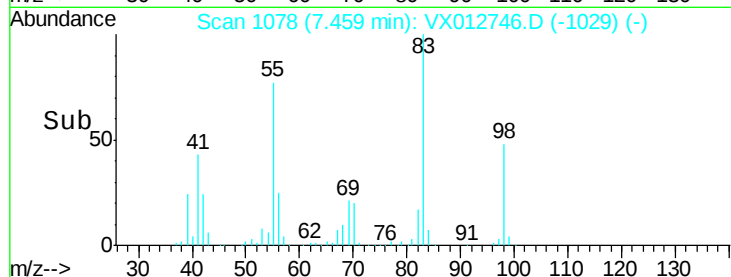
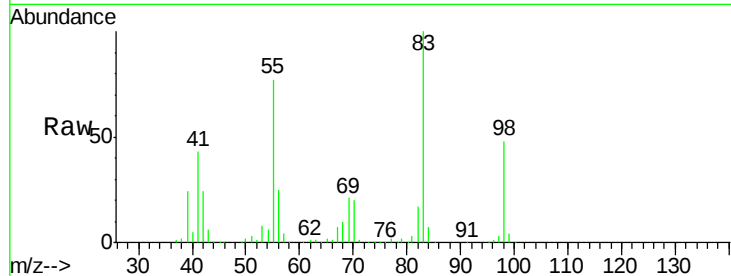
#39
Methvlcvclohexane
Concen: 46.728 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	64.4	96.6
98	47.9	40.1	60.1

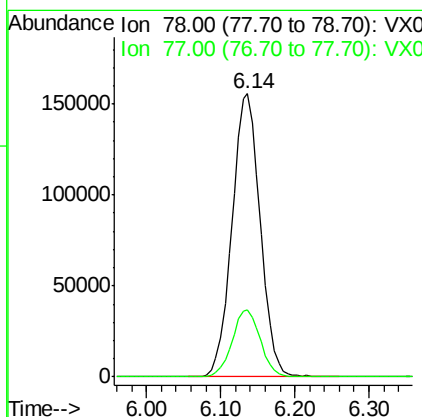
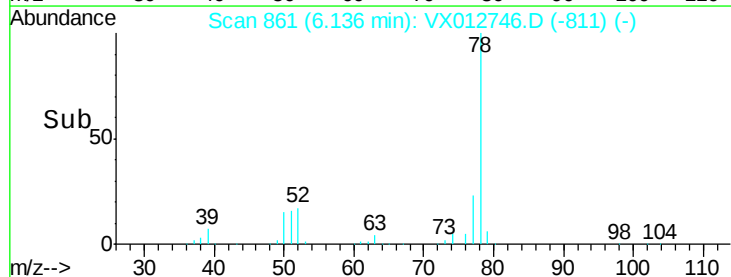
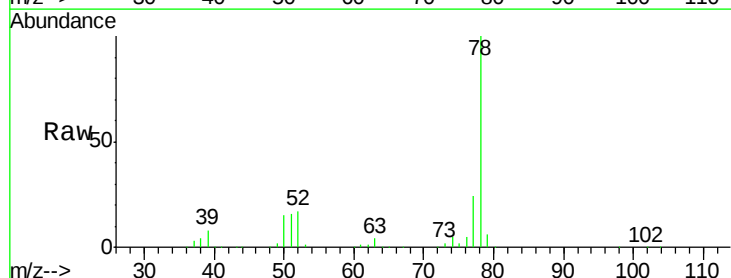
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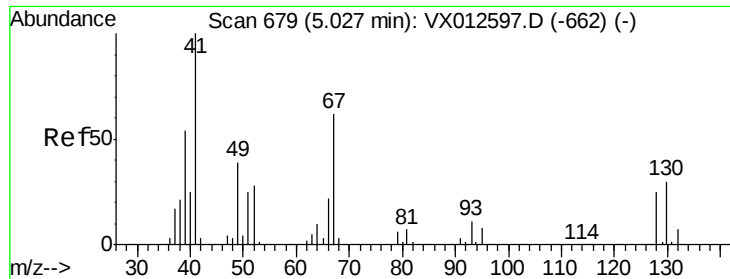
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#40
Benzene
Concen: 48.327 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





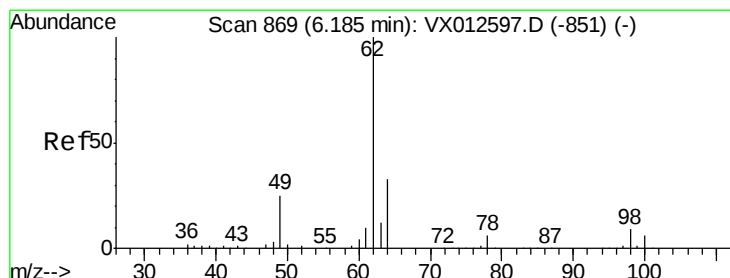
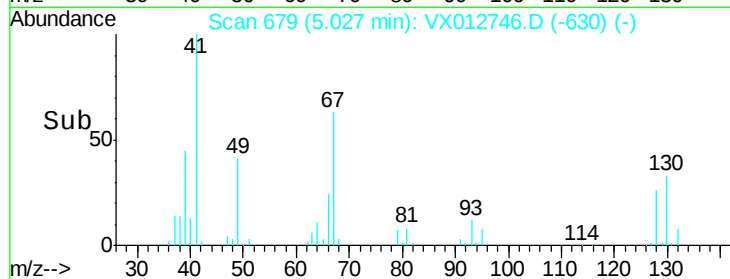
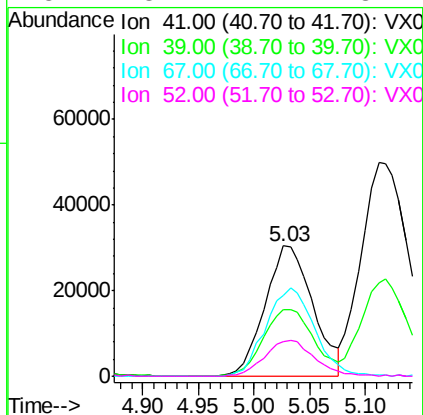
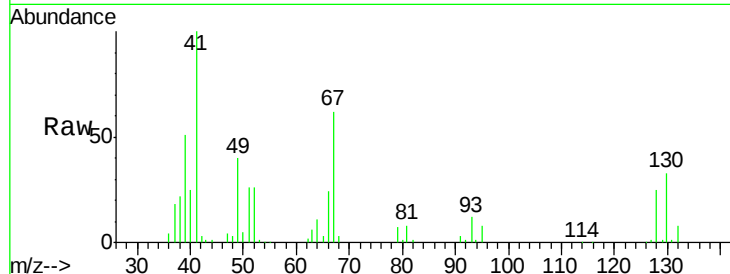
#41
Methacrylonitrile
Concen: 48.145 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion:	41	Resp:	91434
Ion	Ratio	Lower	Upper
41	100		
39	54.1	46.0	69.0
67	68.7	52.2	78.2
52	28.7	22.7	34.1

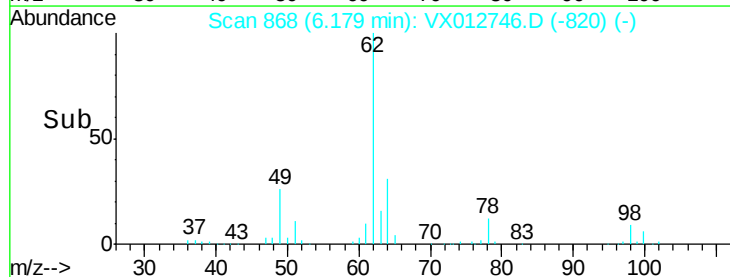
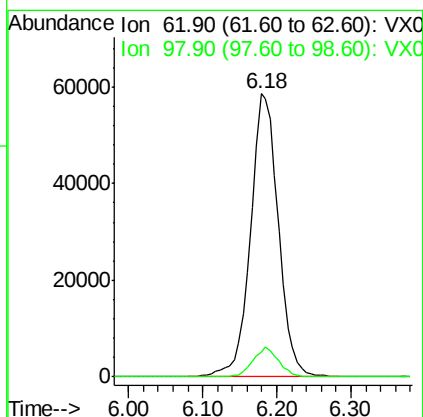
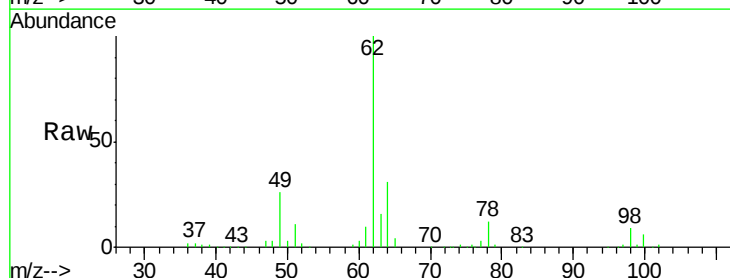
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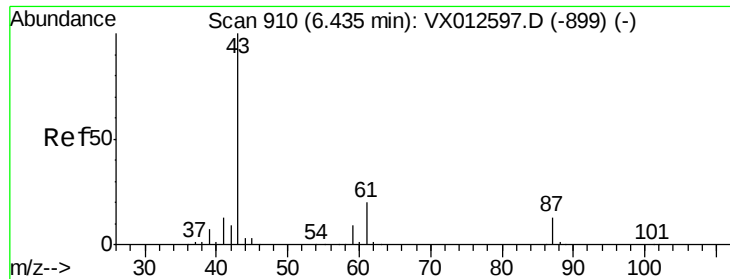
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#42
1,2-Dichloroethane
Concen: 47.550 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion:	62	Resp:	153820
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.8





#43

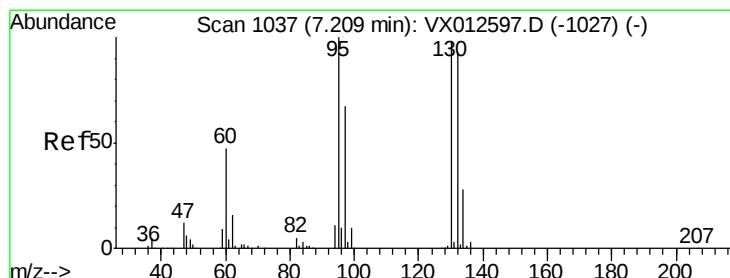
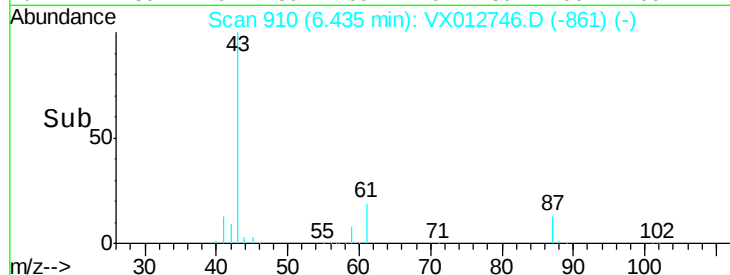
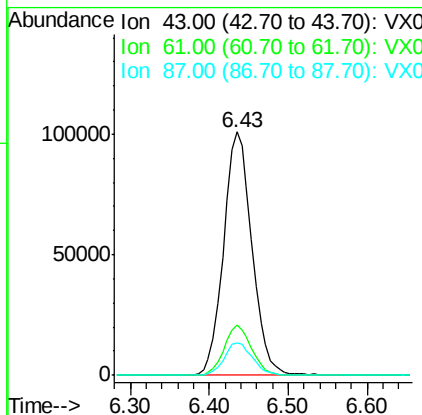
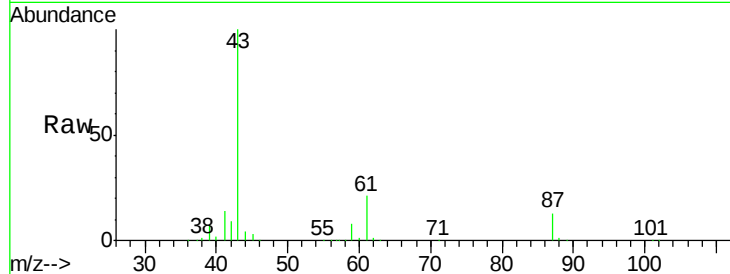
Isopropyl Acetate
 Concen: 44.332 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.4	23.0
87	13.5	9.8	14.8

Manual Integrations
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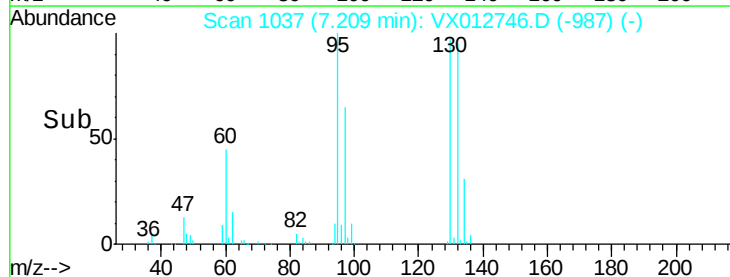
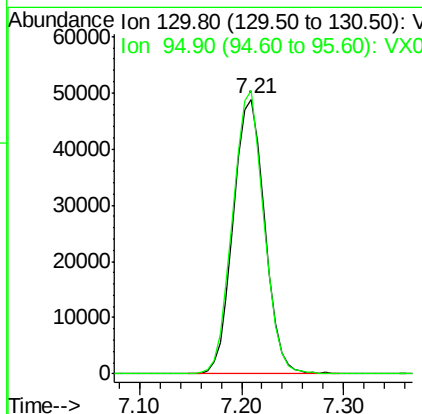
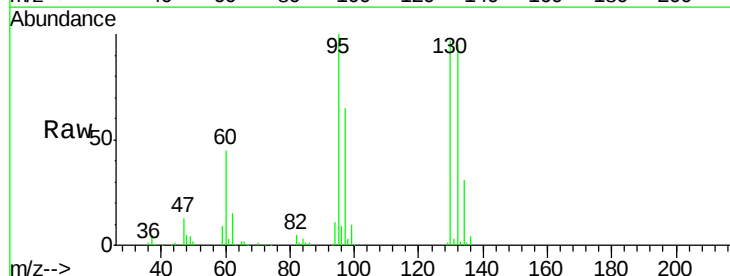
MMDadoda
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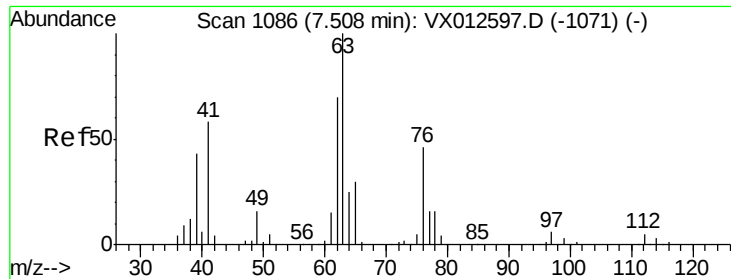


#44

Trichloroethene
 Concen: 47.974 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	193.0





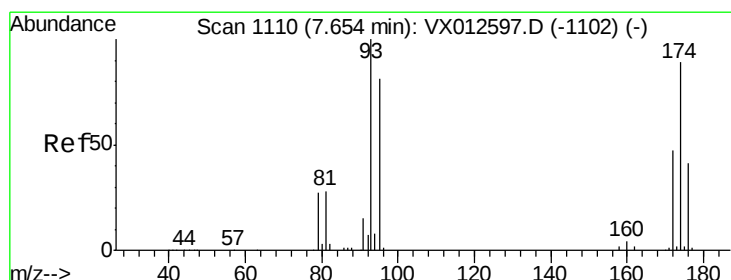
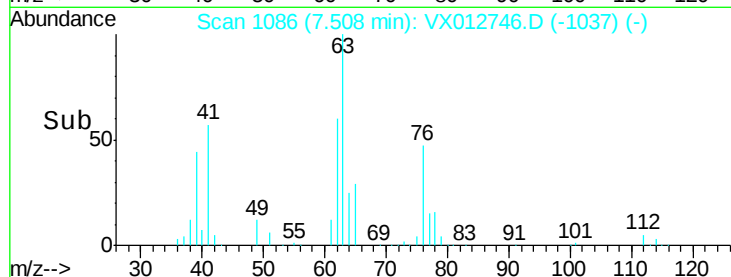
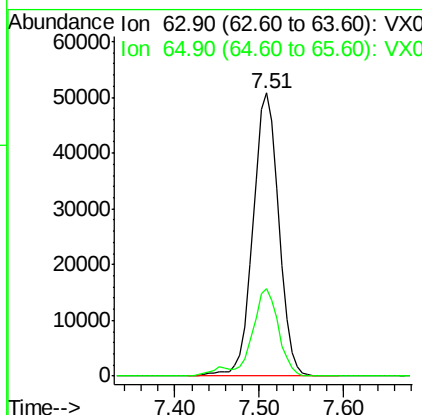
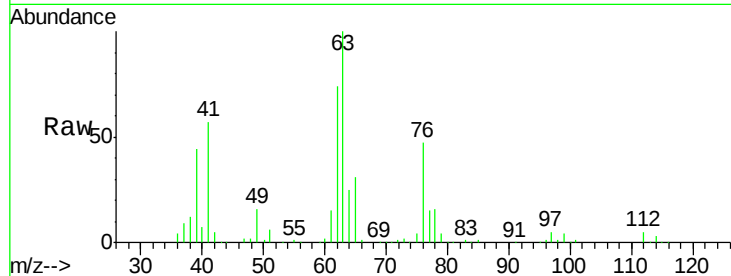
#45
 1,2-Dichloropropane
 Concen: 48.539 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion: 63 Resp: 105864
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6

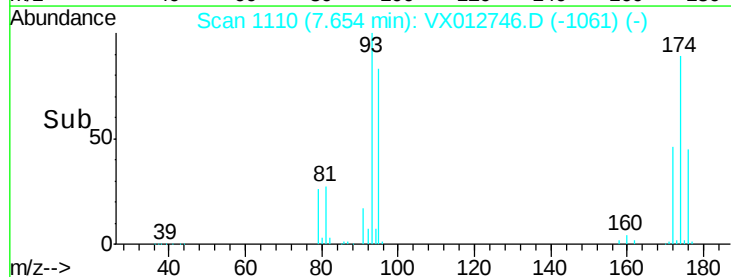
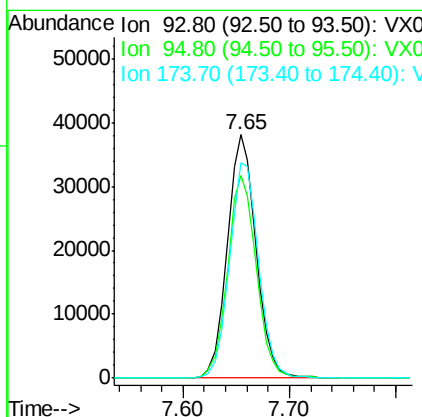
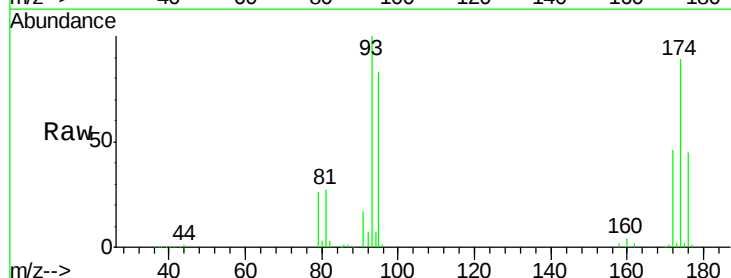
Manual Integrations
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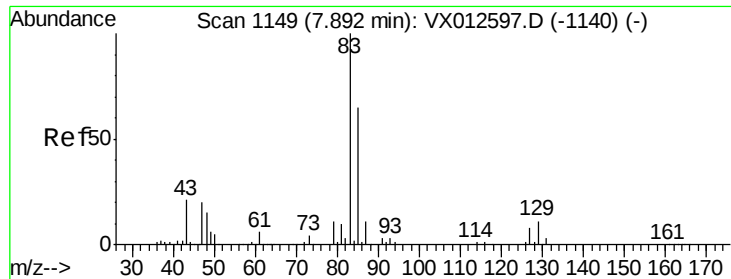
MMDadoda
 10/2/2019 10:07:27 AM



#46
 Dibromomethane
 Concen: 48.552 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 93 Resp: 72096
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.6 100.0
 174 89.9 77.4 116.0





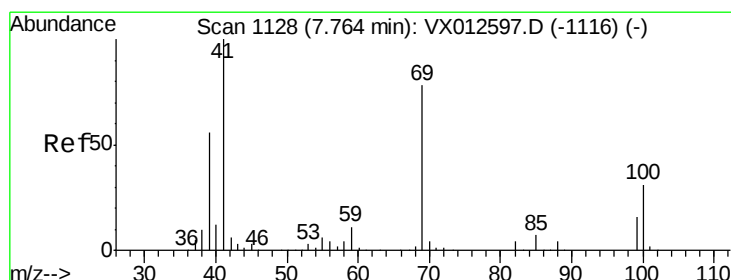
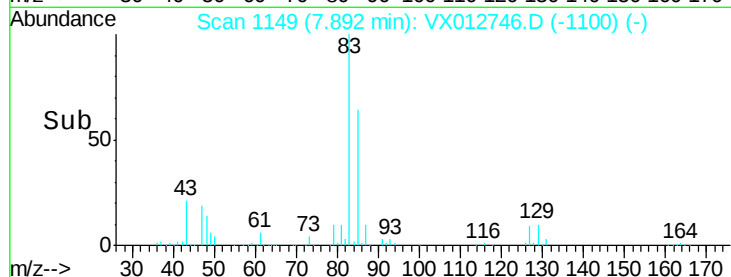
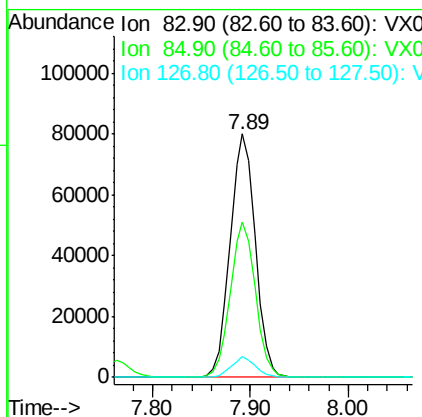
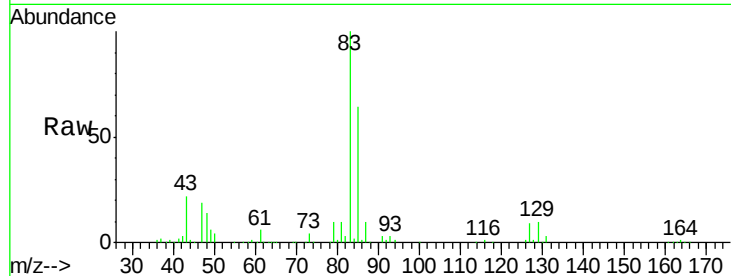
#47
Bromodichloromethane
Concen: 48.179 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion	83	Resp	142987
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	51.8	77.6
127	8.8	7.3	10.9

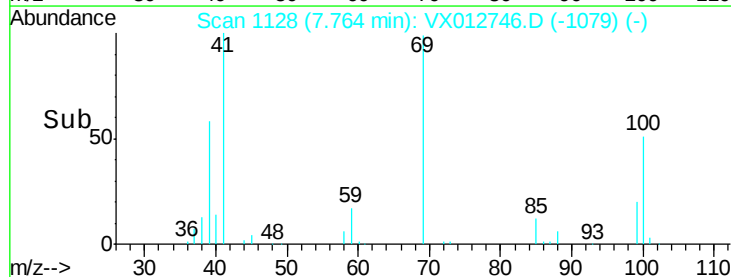
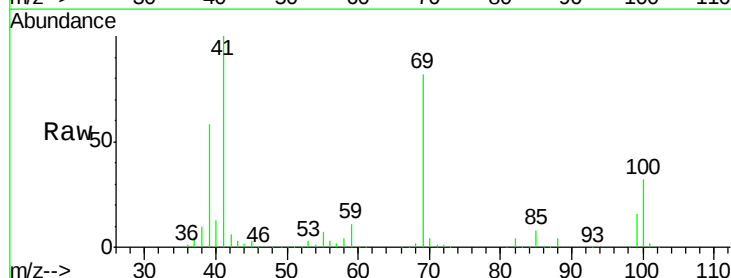
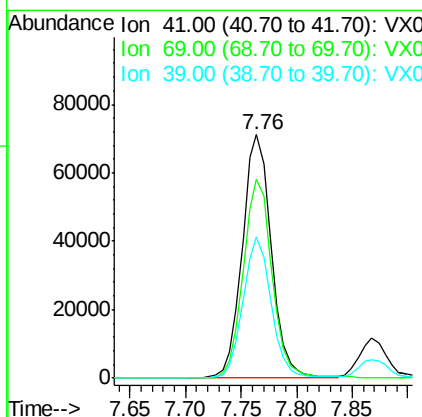
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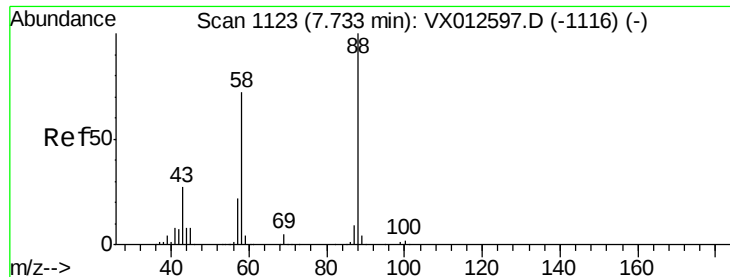
MMDadoda
10/2/2019 10:07:27 AM



#48
Methyl methacrylate
Concen: 47.364 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion	41	Resp	128557
Ion Ratio	100	Lower	Upper
41	100		
69	81.8	59.9	89.9
39	56.7	47.8	71.6





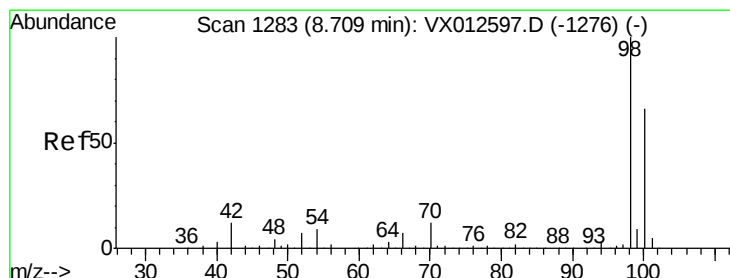
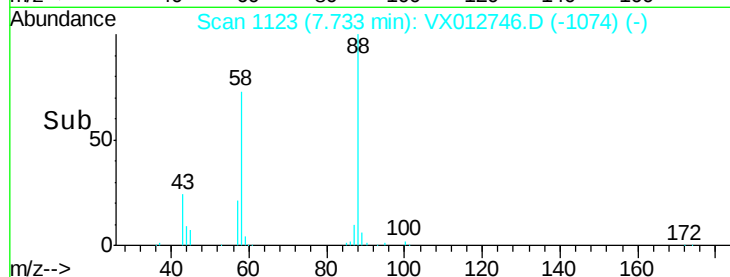
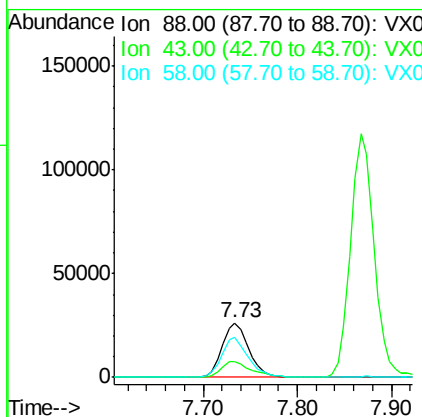
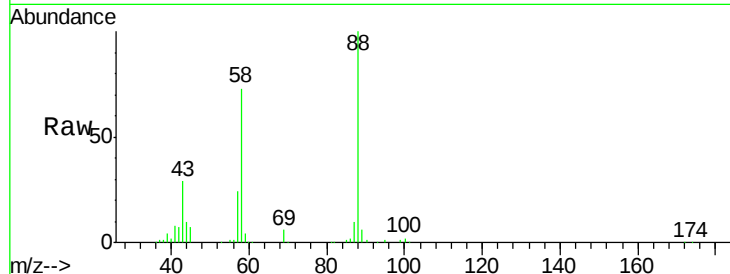
#49
1,4-Dioxane
Concen: 834.768 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	29.4	44.0
58	73.4	57.5	86.3

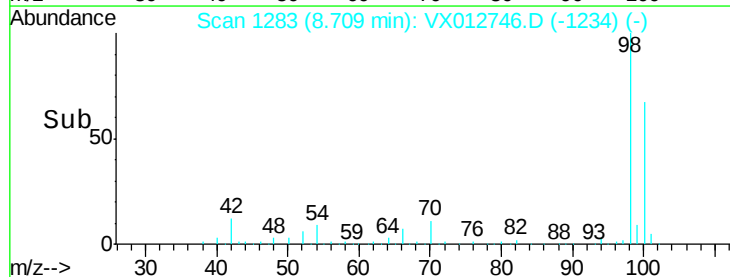
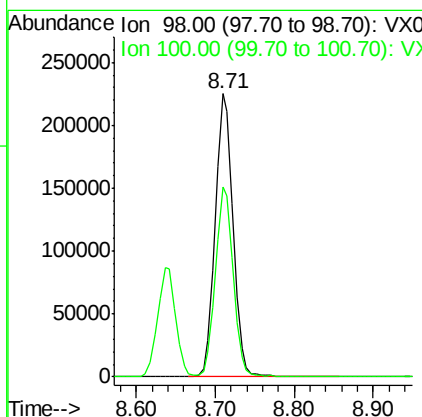
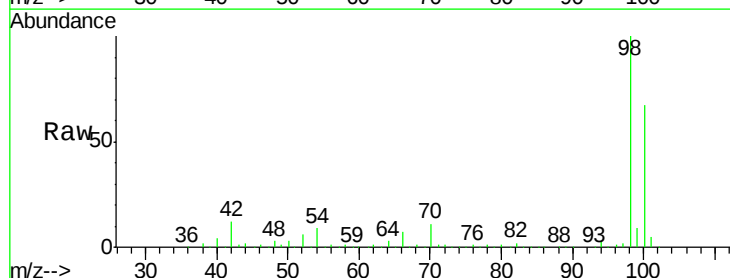
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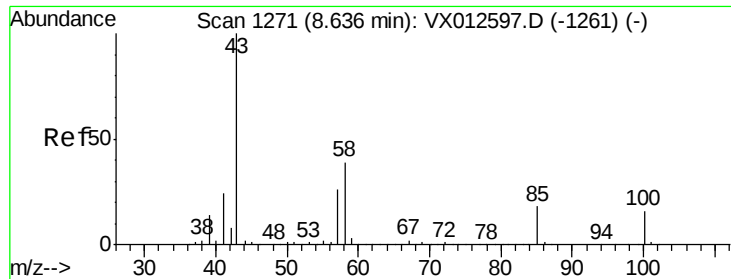
MMDadoda
10/2/2019 10:07:27 AM



#50
Toluene-d8
Concen: 51.485 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 236.448 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

Tot Ion: 43 Resp: 826192

Ion Ratio Lower Upper

43 100

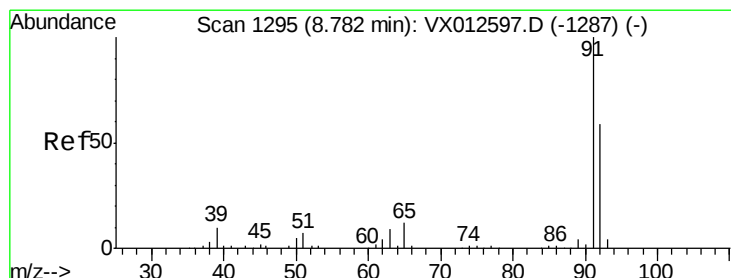
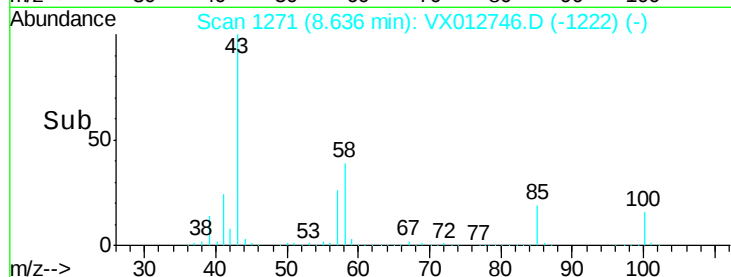
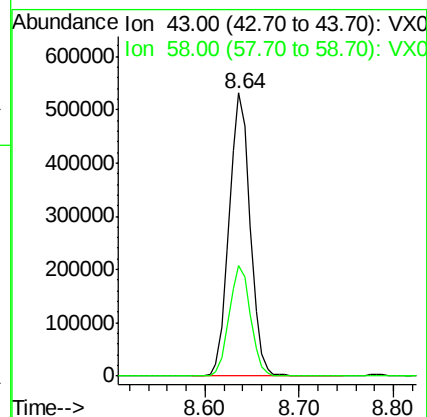
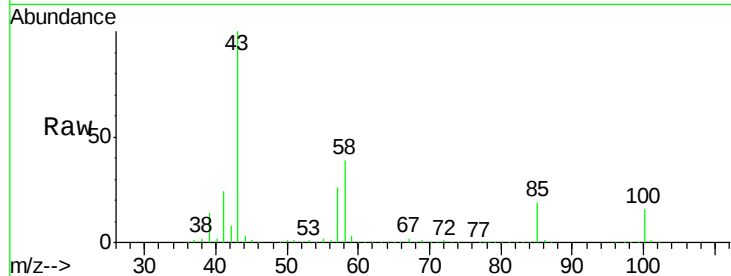
58 39.2 29.8 44.6

Manual Integrations

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MMDadoda

10/2/2019 10:07:27 AM



#52

Toluene

Concen: 48.502 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012746.D

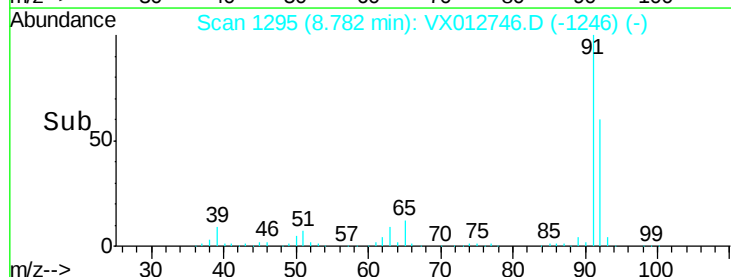
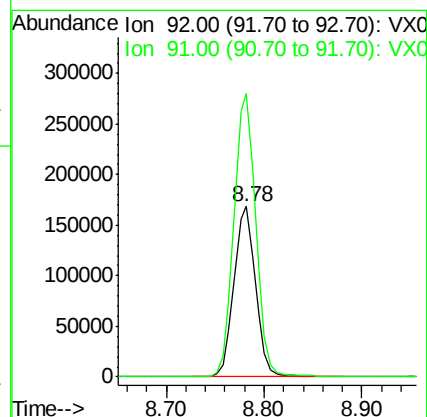
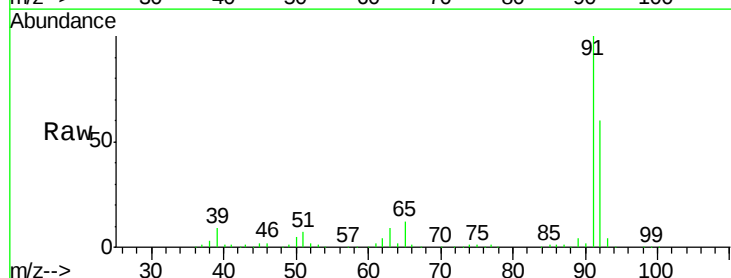
Acq: 01 Oct 2019 20:19

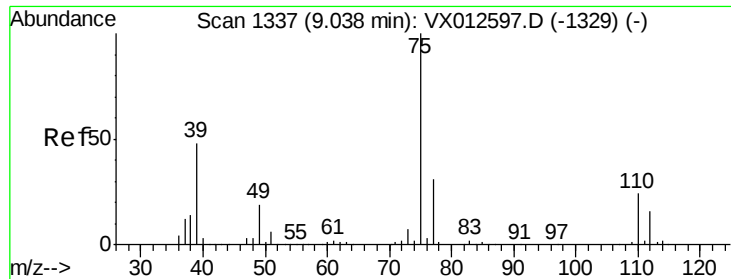
Tgt Ion: 92 Resp: 259683

Ion Ratio Lower Upper

92 100

91 168.1 135.4 203.0





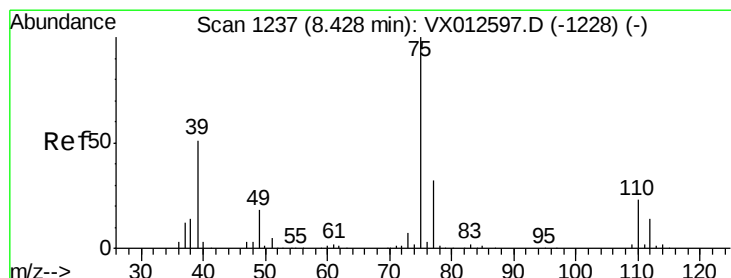
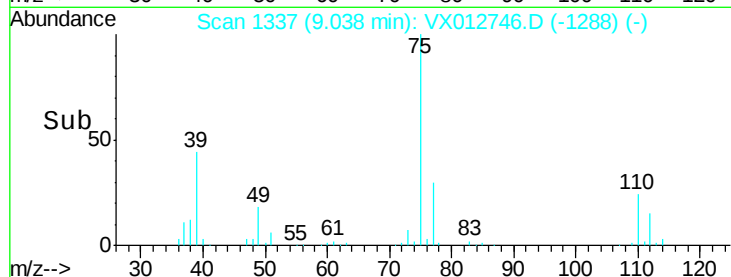
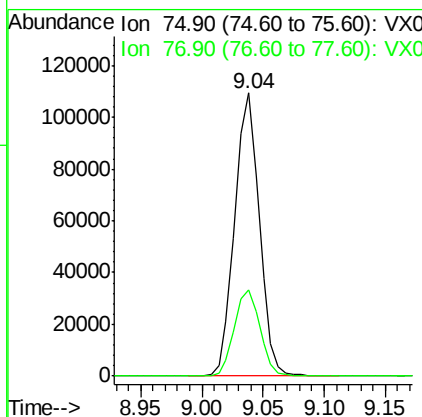
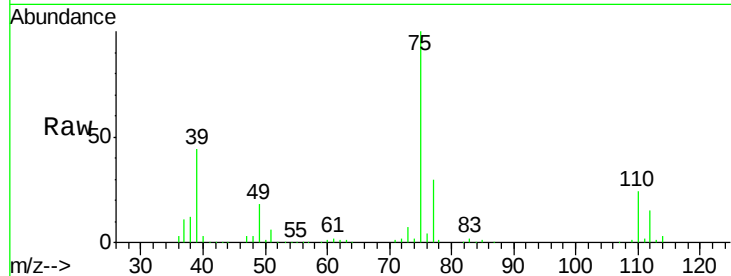
#53
t-1,3-Dichloropropene
Concen: 46.484 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion: 75 Resp: 152636
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8

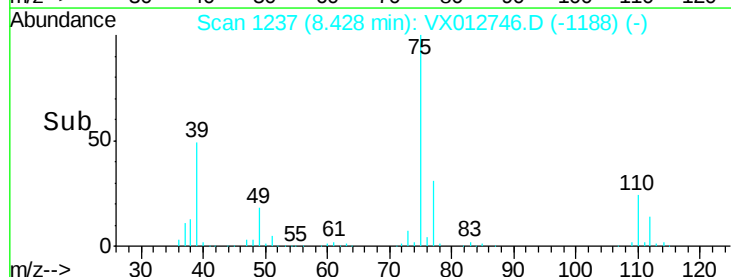
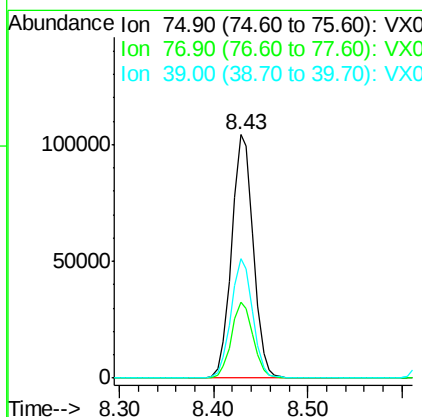
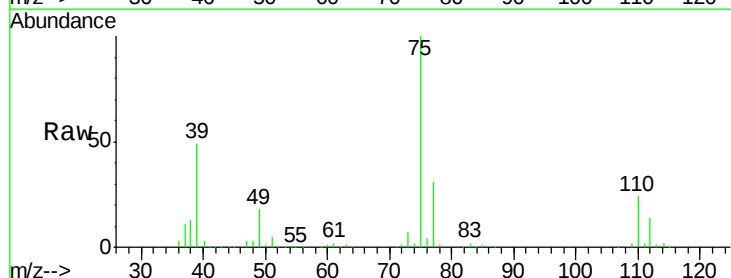
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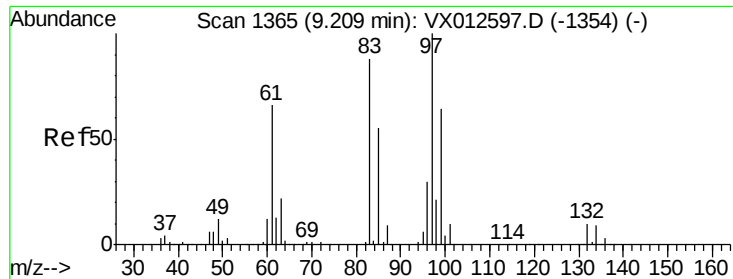
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 46.321 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 75 Resp: 166071
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8
39 48.8 45.5 68.3





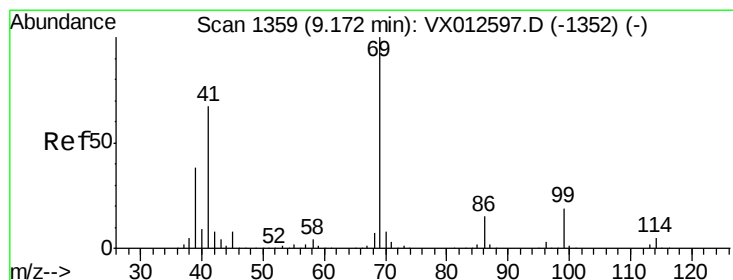
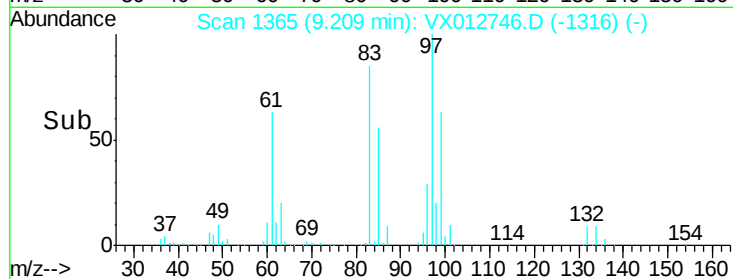
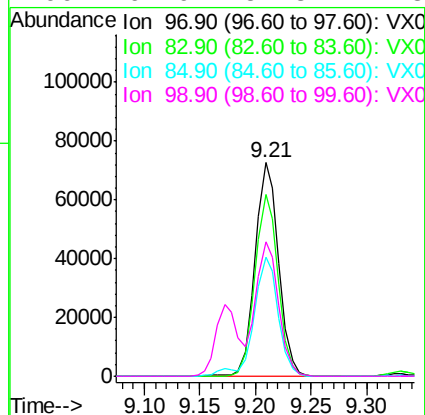
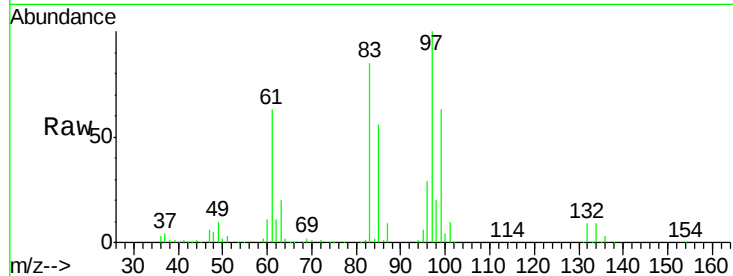
#55
 1,1,2-Trichloroethane
 Concen: 50.255 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		106975		
83	85.4	67.4	101.2		
85	55.6	43.5	65.3		
99	62.9	51.8	77.8		

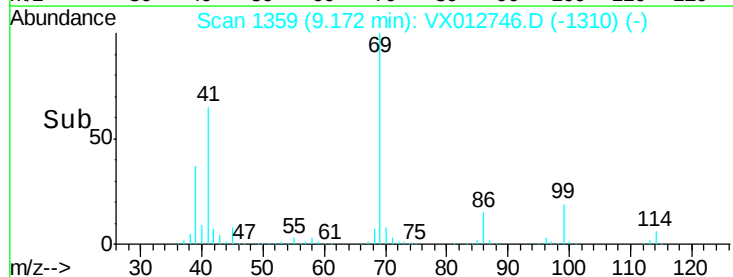
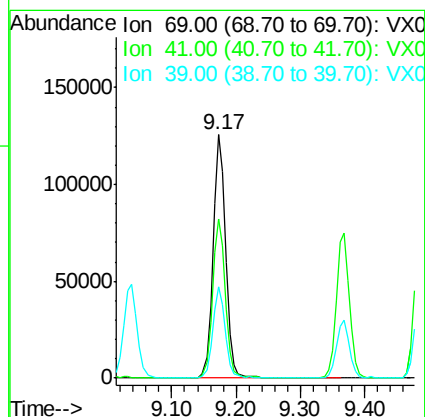
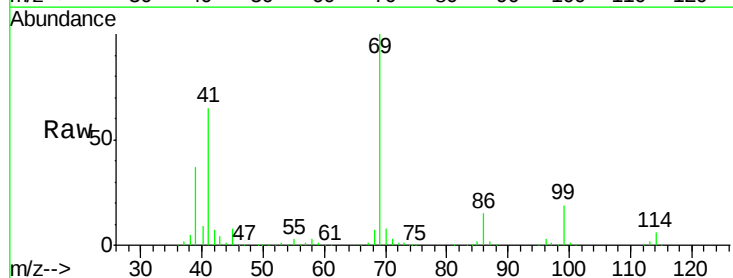
Manual Integrations
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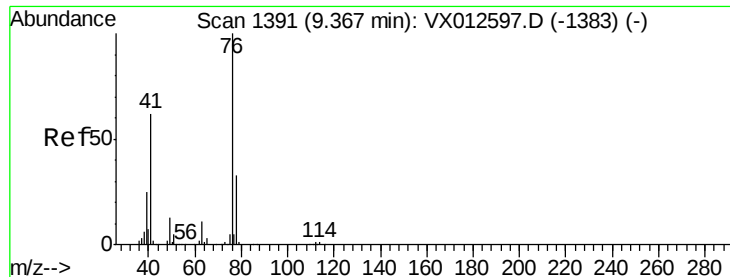
MMDadoda
 10/2/2019 10:07:27 AM



#56
 Ethyl methacrylate
 Concen: 48.403 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		173093		
41	66.1	58.4	87.6		
39	36.8	33.4	50.0		





#57

1,3-Dichloropropane

Concen: 48.803 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

Tot Ion: 76 Resp: 181812

Ion Ratio Lower Upper

76 100

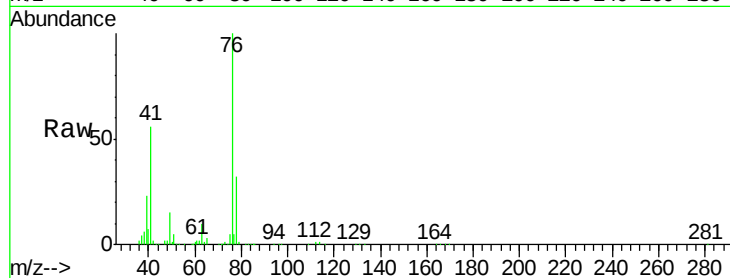
78 32.4 26.2 39.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

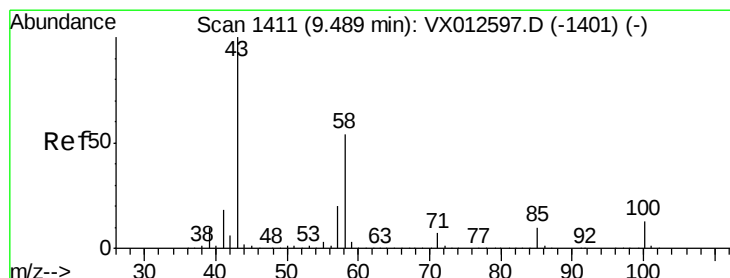
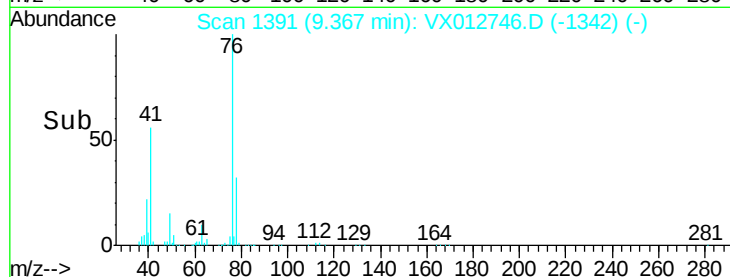
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 234.909 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX012746.D

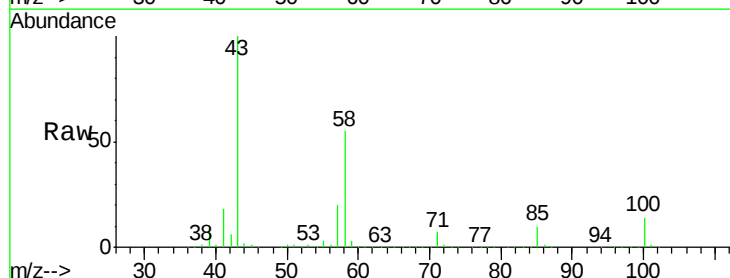
Acq: 01 Oct 2019 20:19

Tgt Ion: 43 Resp: 628282

Ion Ratio Lower Upper

43 100

58 54.9 25.7 77.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

500000

400000

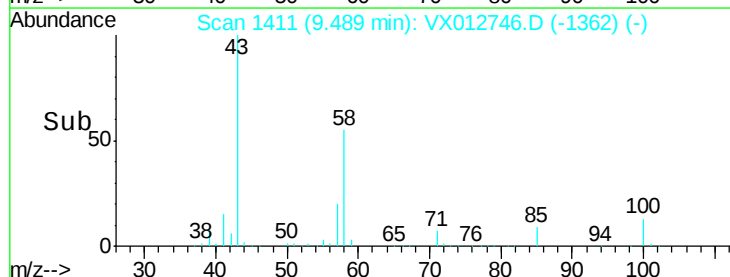
300000

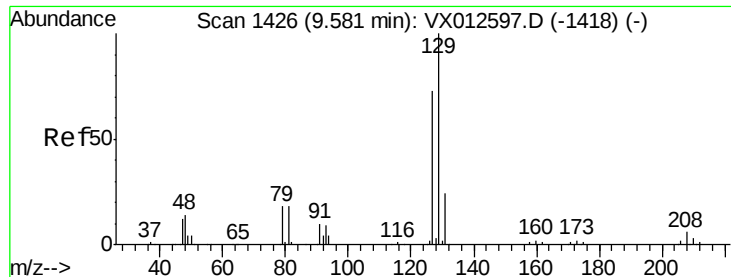
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 50.115 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

Tot Ion:129 Resp: 107987

Ion Ratio Lower Upper

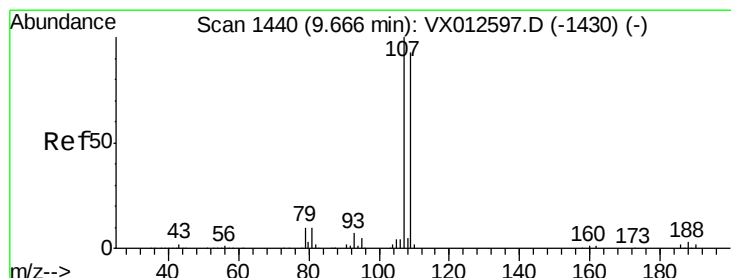
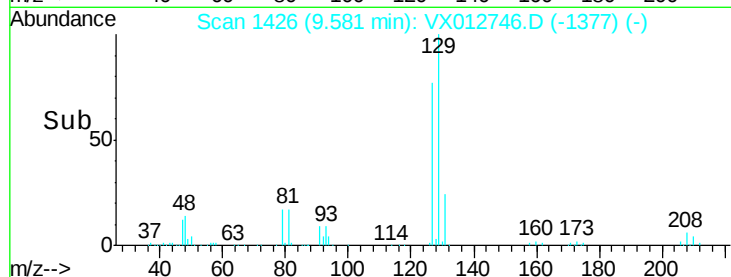
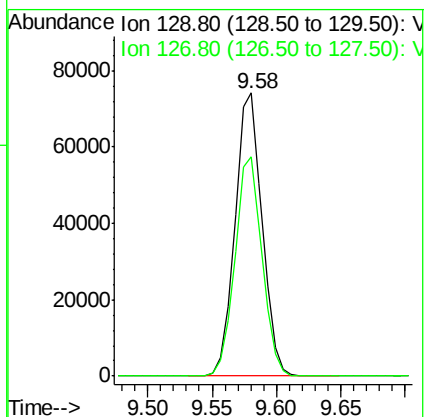
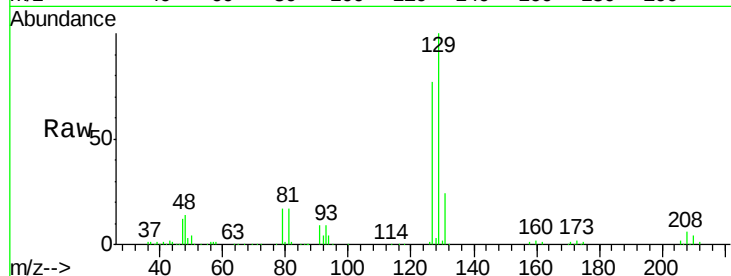
129 100

127 77.7 38.9 116.6

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#61

1,2-Dibromoethane

Concen: 49.685 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012746.D

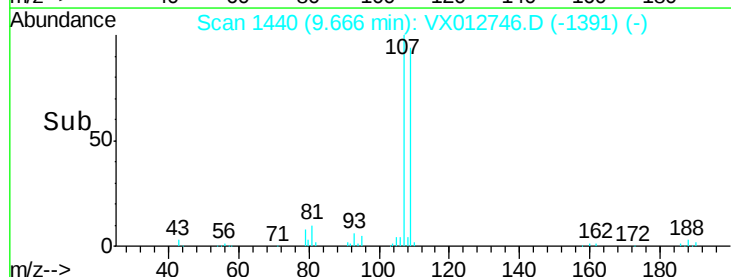
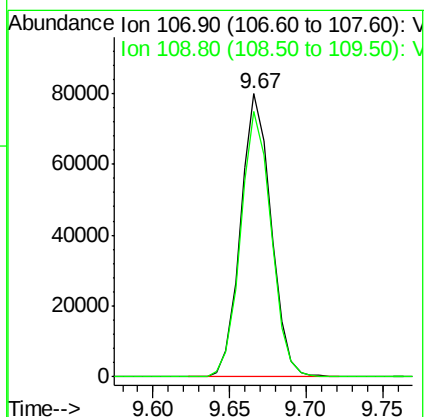
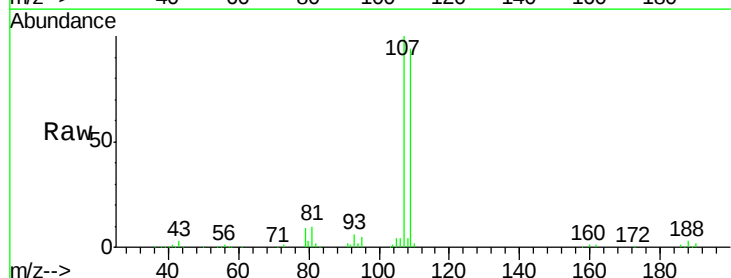
Acq: 01 Oct 2019 20:19

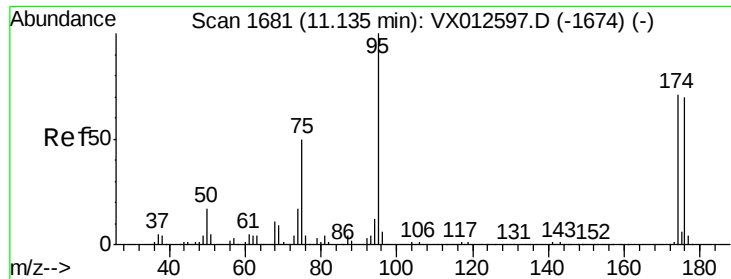
Tgt Ion:107 Resp: 110068

Ion Ratio Lower Upper

107 100

109 94.4 74.7 112.1





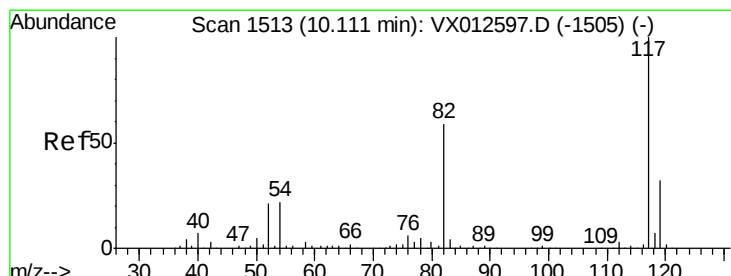
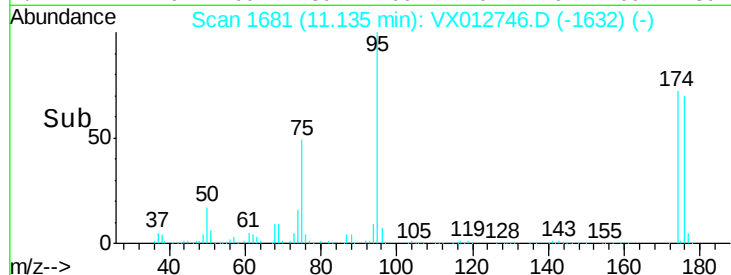
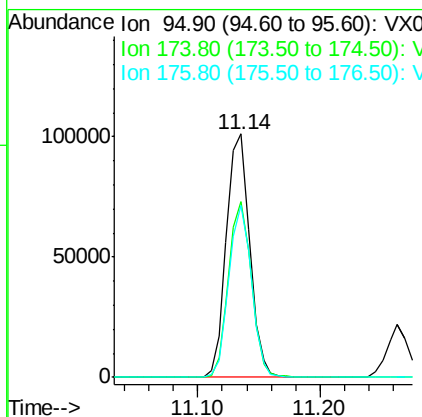
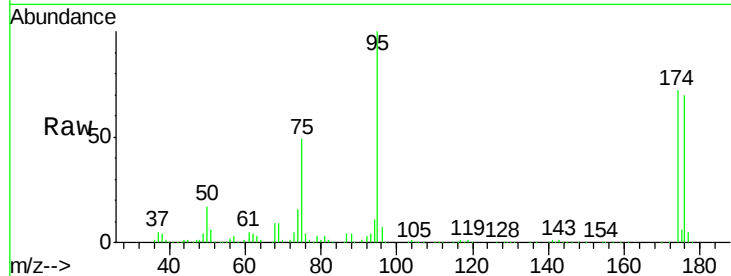
#62
4-Bromofluorobenzene
Concen: 49.422 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	133873		
174	70.4	0.0	140.0	
176	68.1	0.0	135.4	

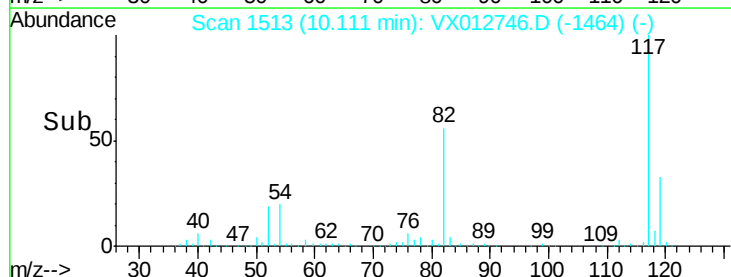
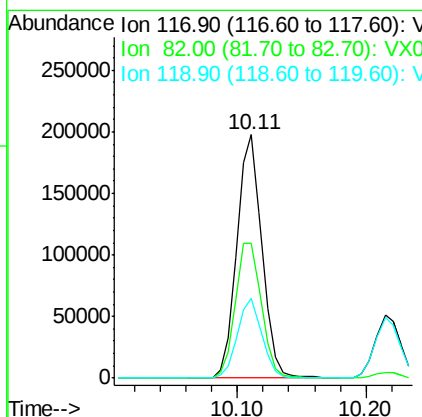
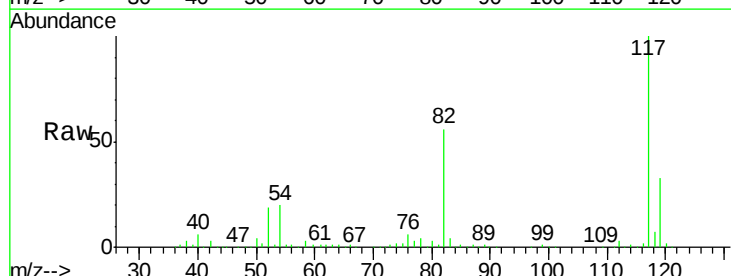
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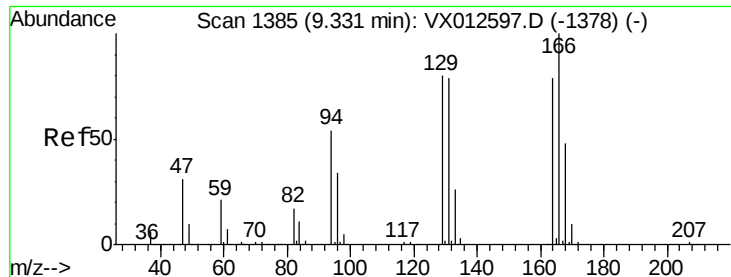
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	267571		
82	55.6	45.9	68.9	
119	33.0	25.3	37.9	





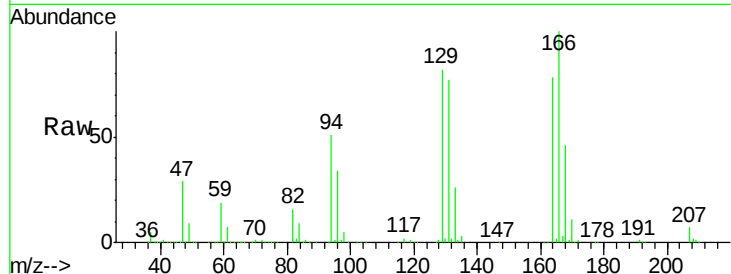
#64
Tetrachloroethene
Concen: 51.222 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.6	107.8	161.6
129	105.1	86.2	129.2
131	99.6	80.4	120.6

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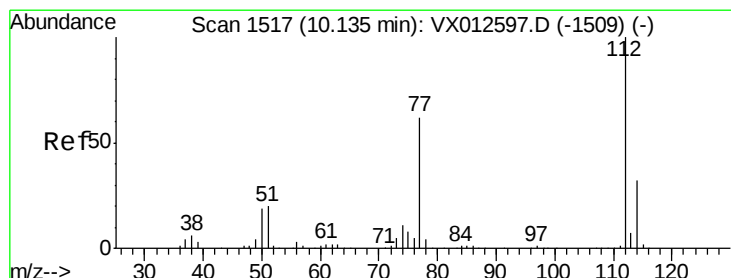
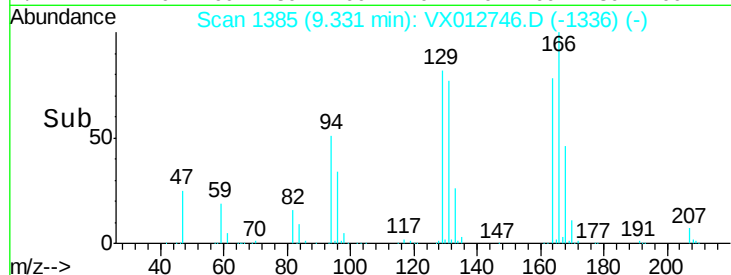
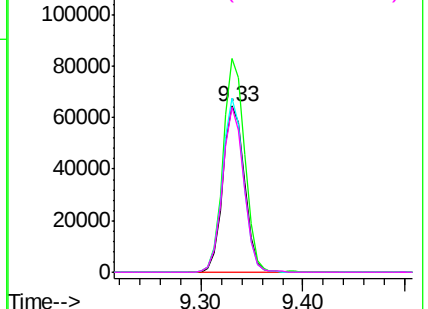
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

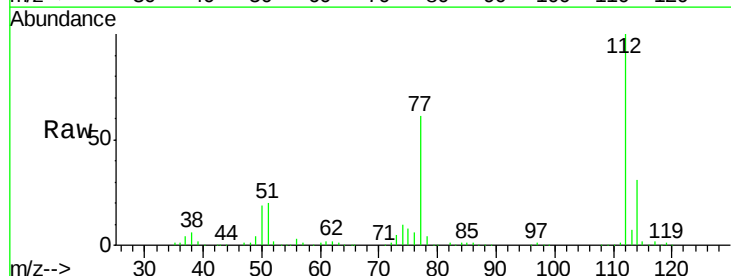
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 48.503 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

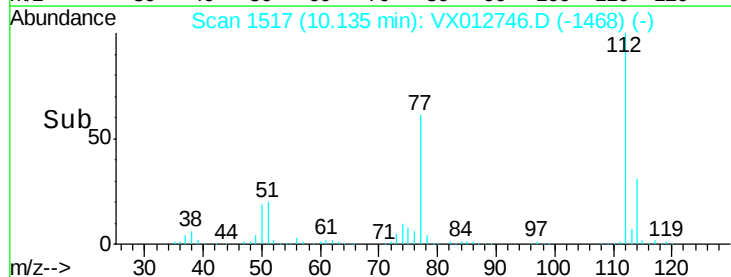
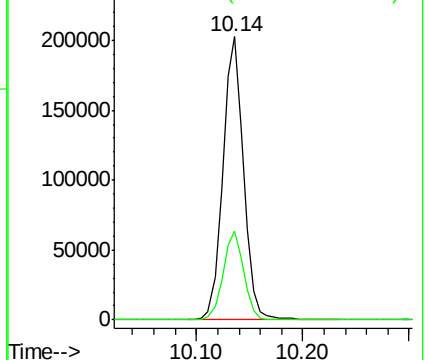
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.4	38.0

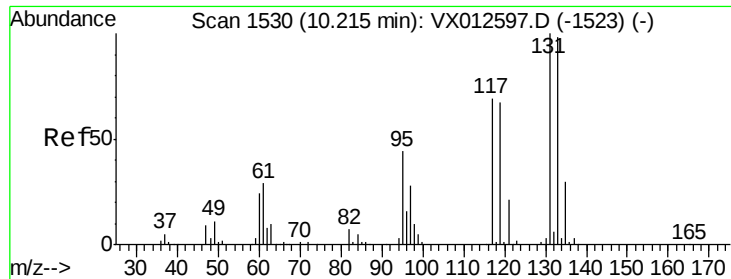


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





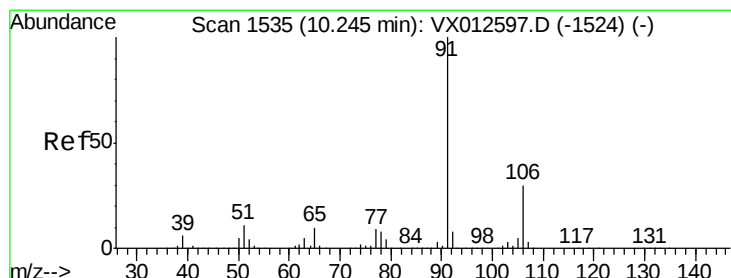
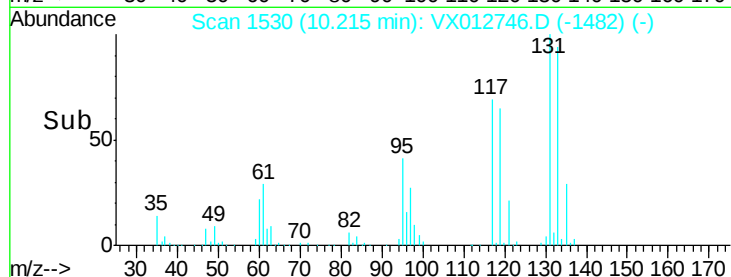
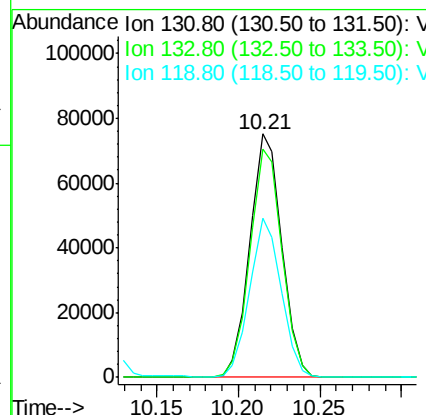
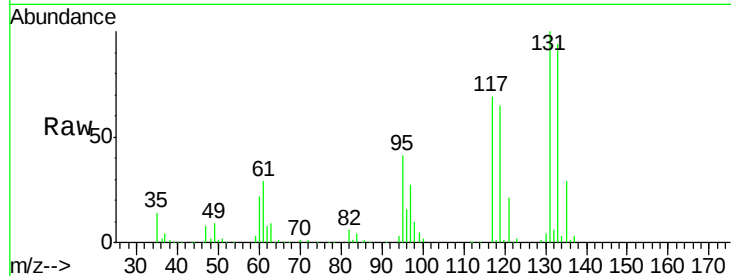
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.211 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100			
133	94.7	47.6	142.9	
119	64.6	31.3	93.8	

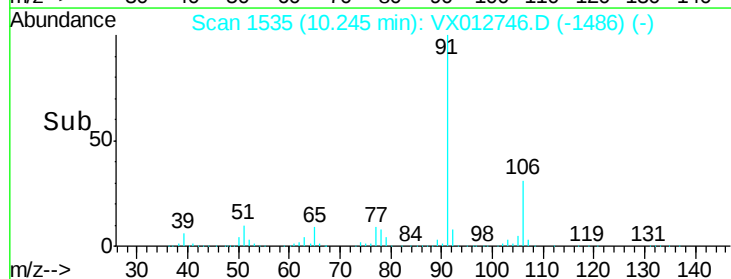
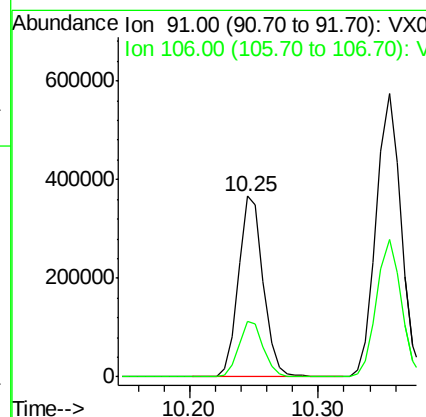
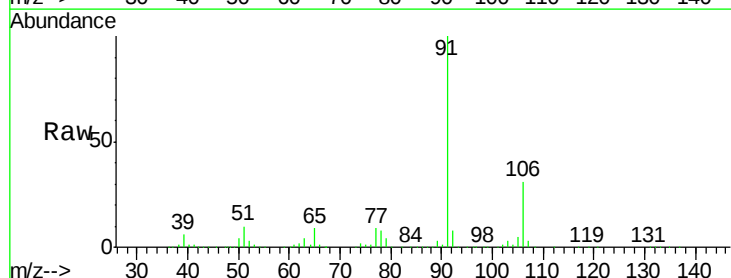
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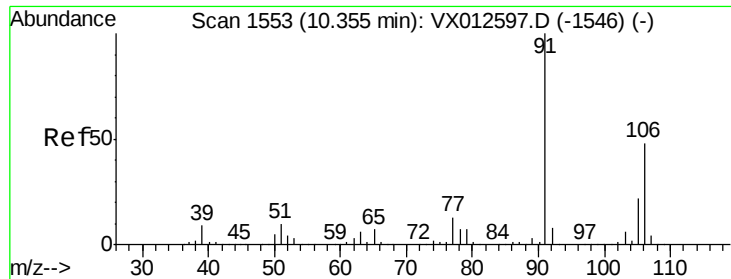
MMDadoda
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#67
 Ethyl Benzene
 Concen: 48.267 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
106	30.5	24.6	37.0	





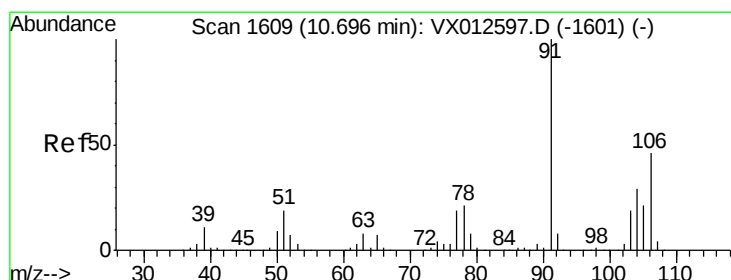
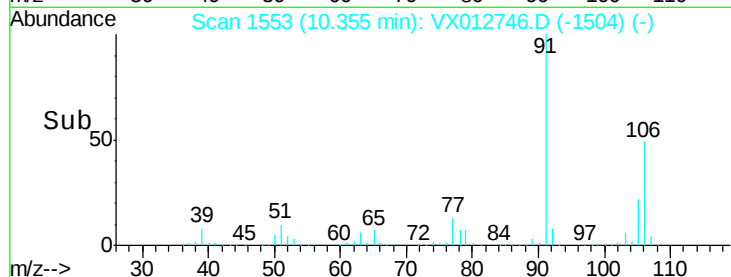
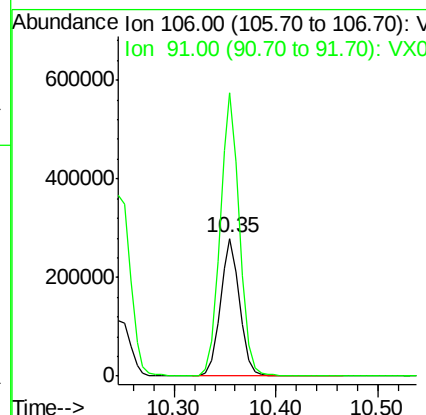
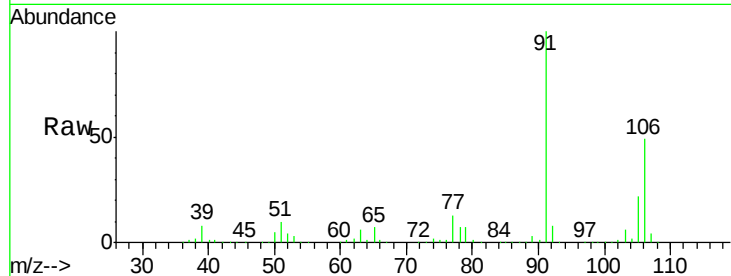
#68
m/p-Xvlenes
Concen: 96.618 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion:106 Resp: 369876
Ion Ratio Lower Upper
106 100
91 206.4 166.6 250.0

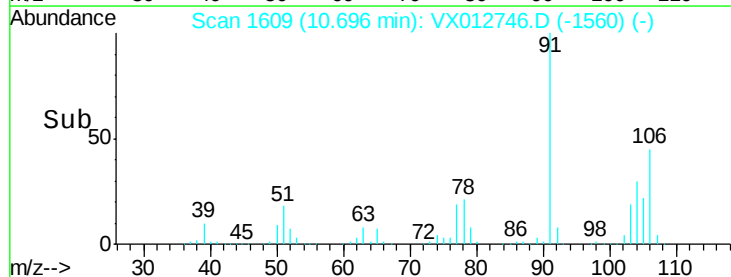
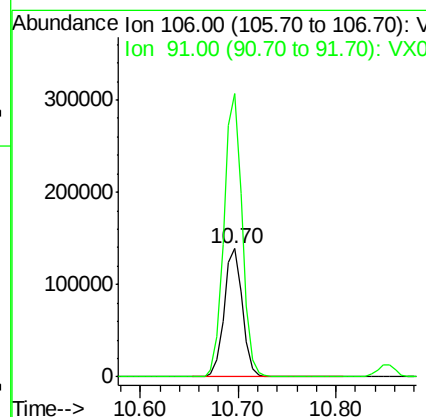
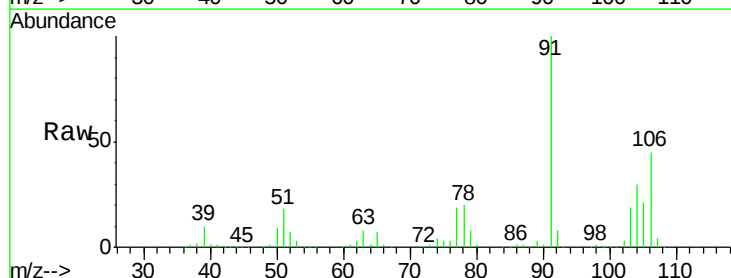
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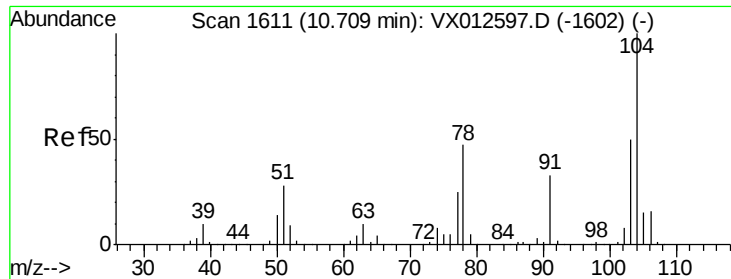
MMDadoda
10/2/2019 10:07:27 AM



#69
o-Xylene
Concen: 48.302 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion:106 Resp: 178925
Ion Ratio Lower Upper
106 100
91 220.3 109.4 328.2





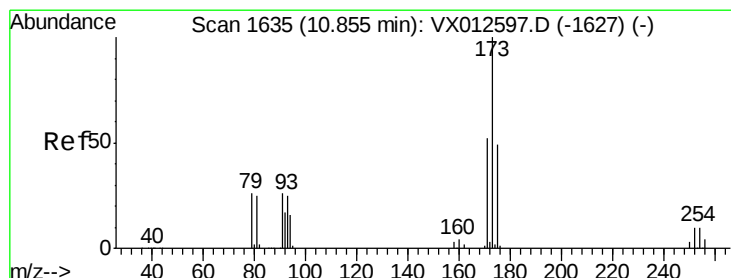
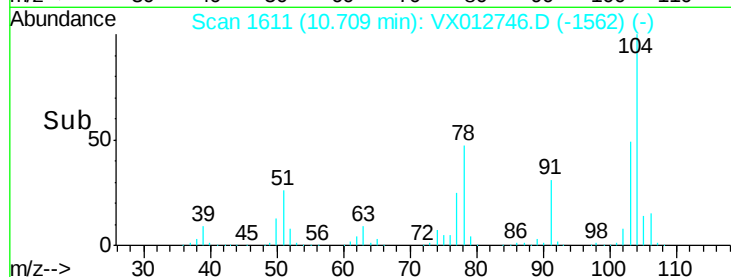
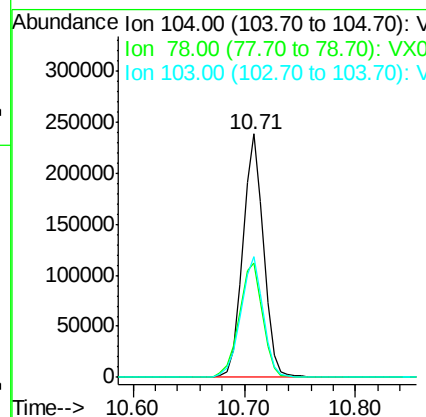
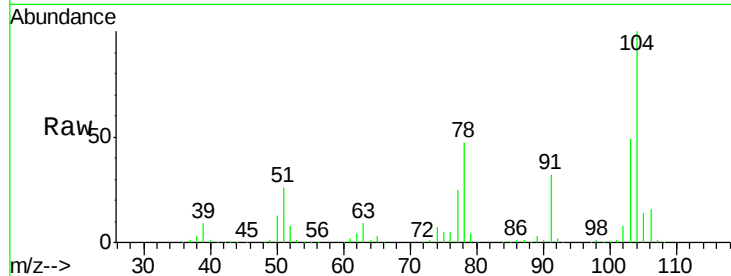
#70
Stvrene
Concen: 49.290 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	306090		
78	53.2		43.4	65.2
103	53.7		43.3	64.9

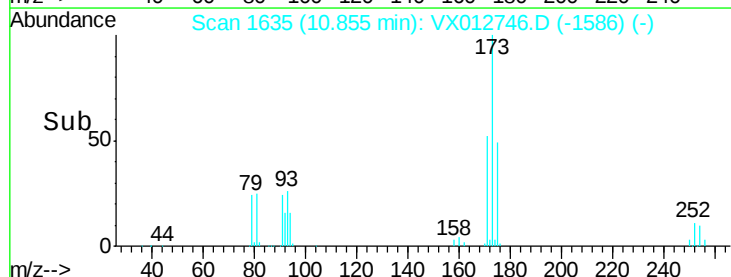
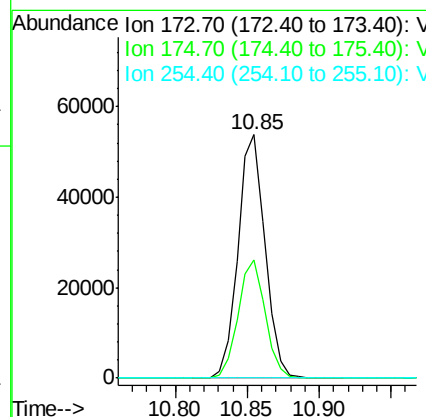
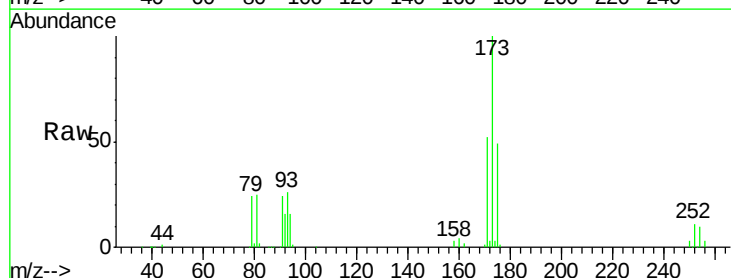
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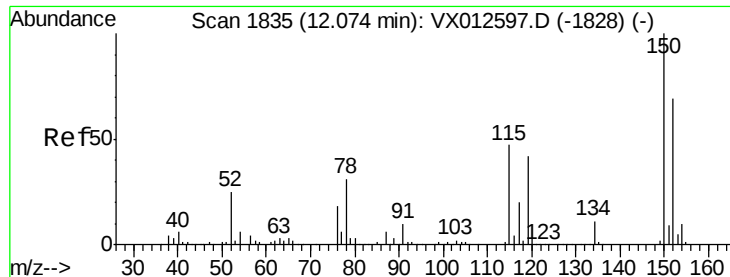
MMDadoda
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#71
Bromoform
Concen: 49.676 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	70615		
175	48.6		23.7	71.1
254	0.0		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

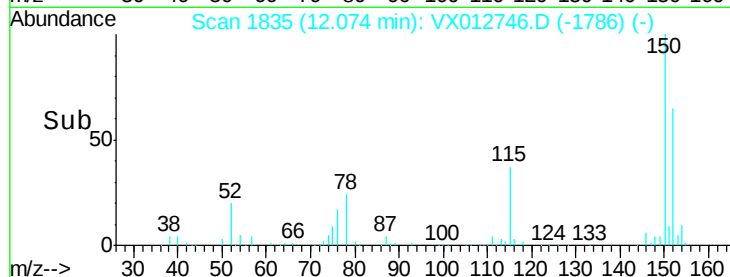
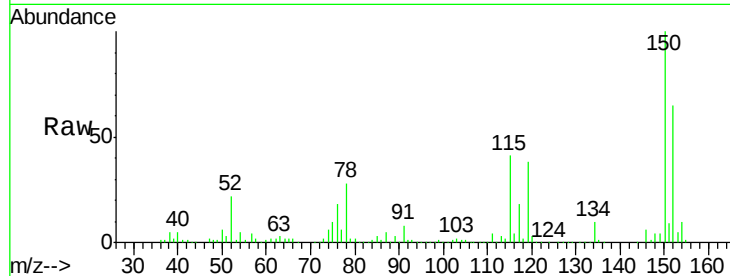
ClientSampleId :

SA-SW201-20190926MS

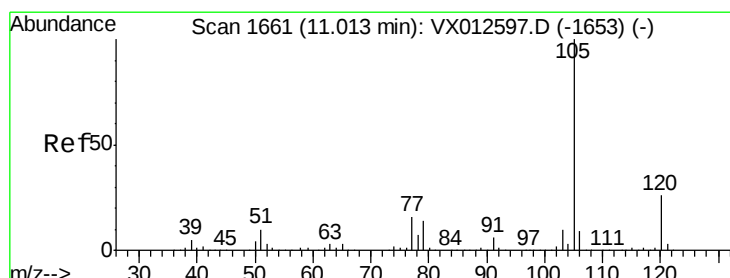
Tot Ion:	152	Resp:	123456
Ion Ratio	Lower	Upper	
152	100		
115	88.2	44.1	132.3
150	174.2	0.0	343.8

Manual Integrations
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Time-->



#73

Isopropylbenzene

Concen: 47.147 ug/l

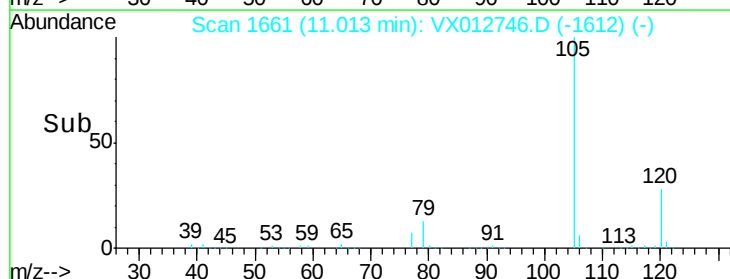
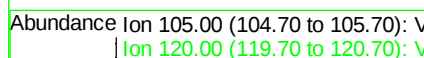
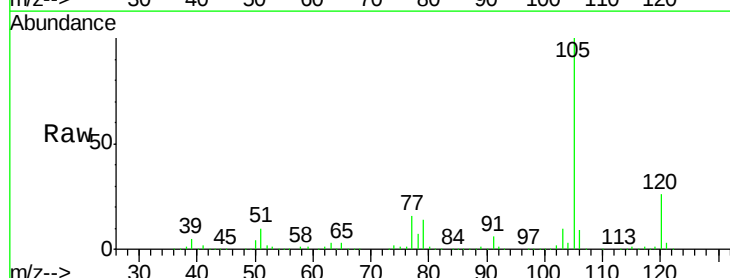
RT: 11.01 min Scan# 1661

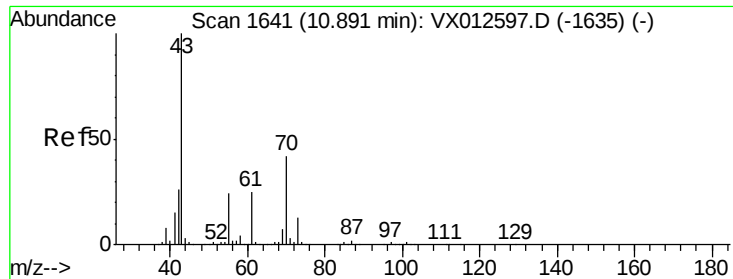
Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Tgt Ion:	105	Resp:	474069
Ion Ratio	Lower	Upper	
105	100		
120	26.2	12.9	38.7





#74

N-amvl acetate

Concen: 43.117 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

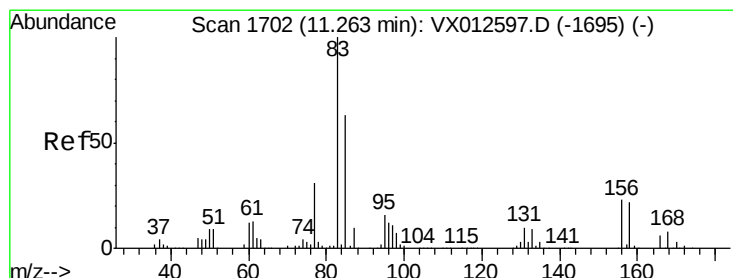
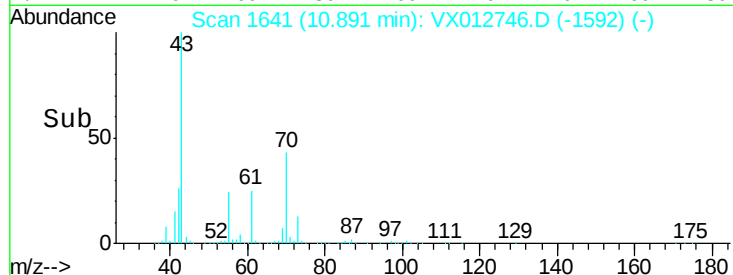
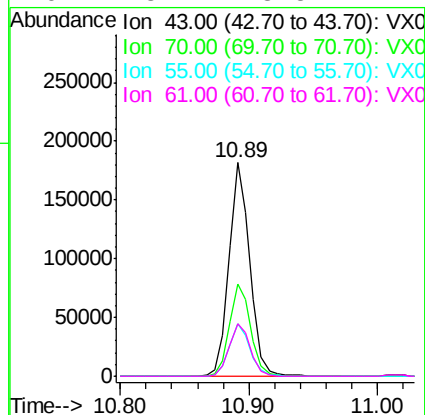
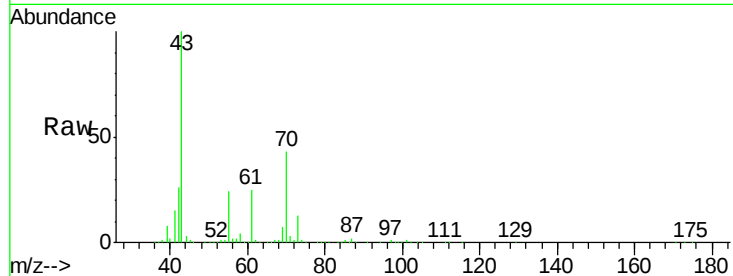
ClientSampleId :

SA-SW201-20190926MS

Tot Ion:	43	Resp:	206830
Ion	Ratio	Lower	Upper
43	100		
70	44.3	32.4	48.6
55	24.9	18.2	27.4
61	25.2	18.5	27.7

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 47.426 ug/l

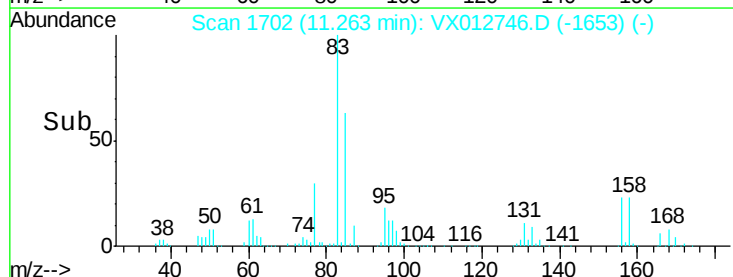
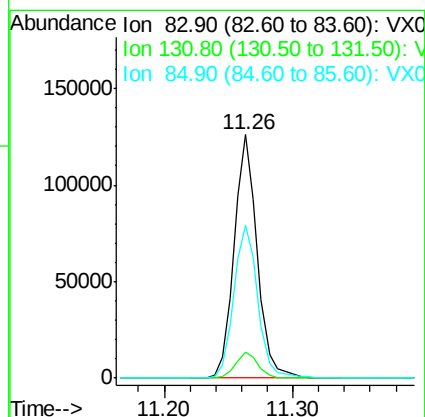
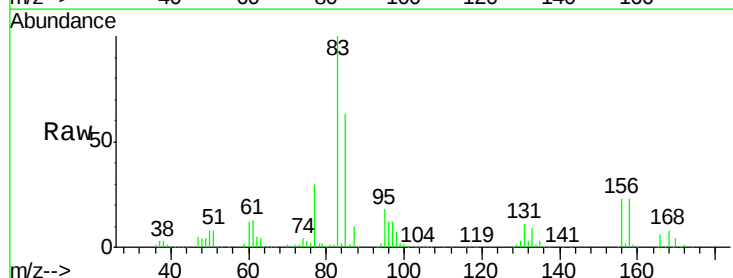
RT: 11.26 min Scan# 1702

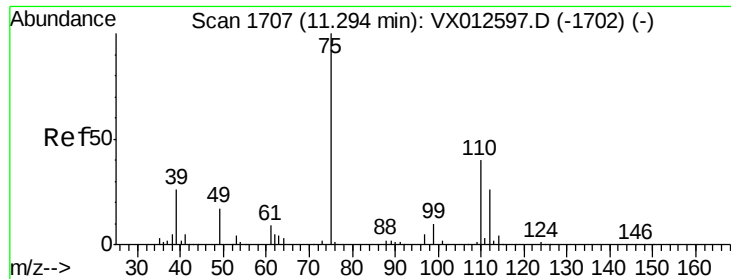
Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Tgt Ion:	83	Resp:	157932
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	65.3	32.0	96.0





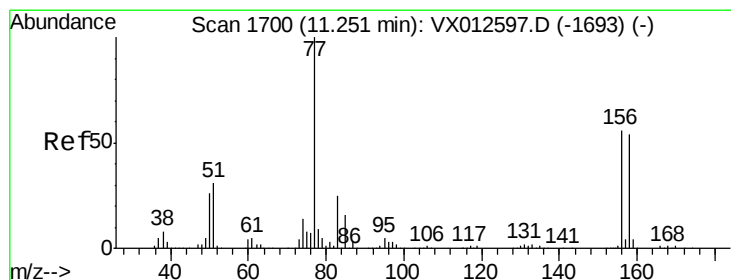
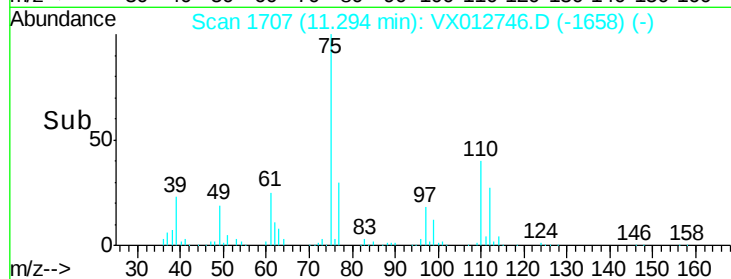
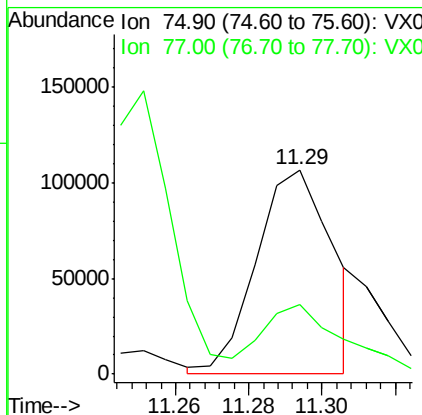
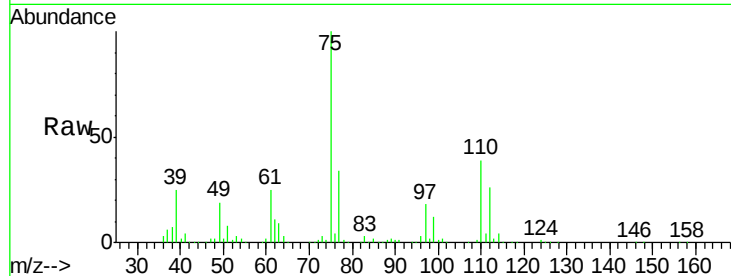
#76
 1,2,3-Trichloropropane
 Concen: 47.114 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion: 75 Resp: 153860
 Ion Ratio Lower Upper
 75 100
 77 36.8 19.7 59.0

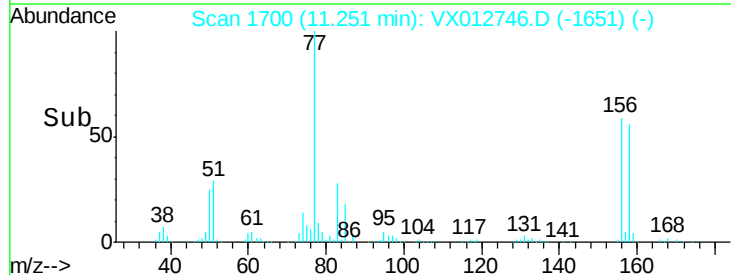
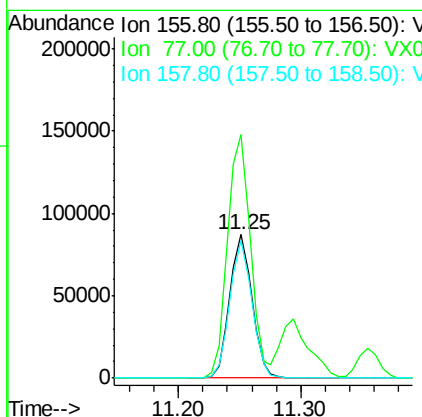
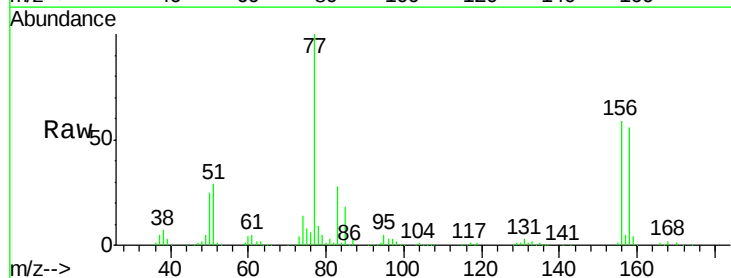
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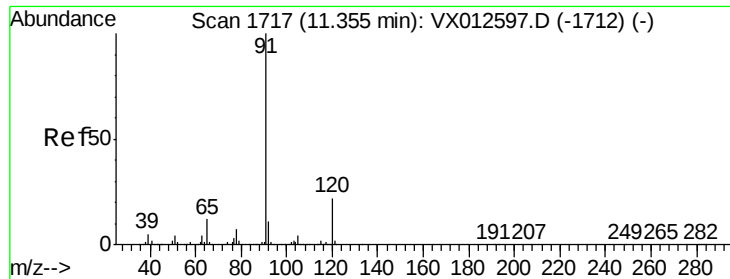
MMDadoda
 10/2/2019 10:07:27 AM



#77
 Bromobenzene
 Concen: 47.926 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 156 Resp: 109068
 Ion Ratio Lower Upper
 156 100
 77 176.0 87.3 261.8
 158 95.9 48.5 145.6





#78

n-propylbenzene

Concen: 47.073 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

Tot Ion: 91 Resp: 532881

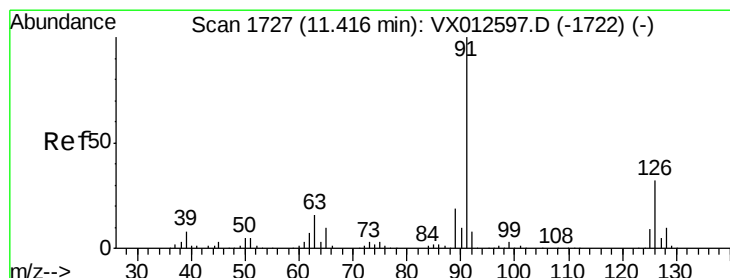
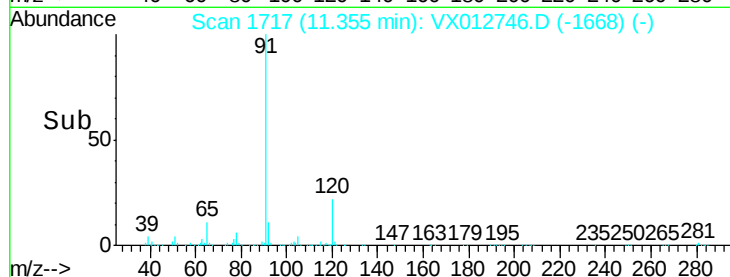
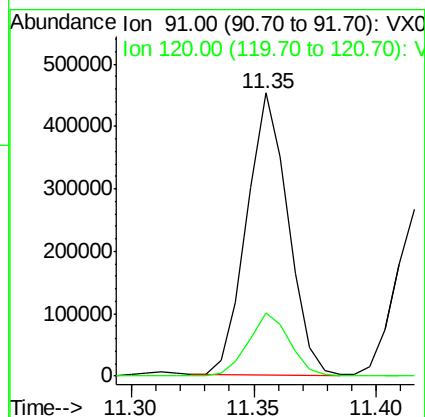
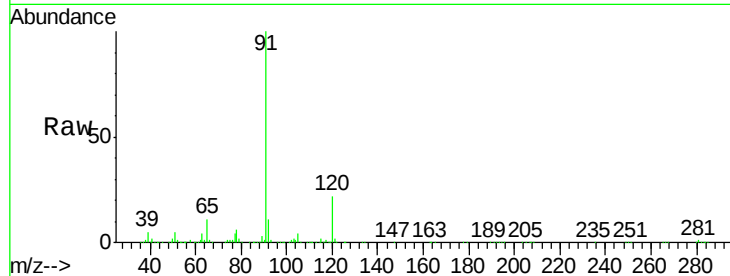
Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8

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#79

2-Chlorotoluene

Concen: 45.999 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012746.D

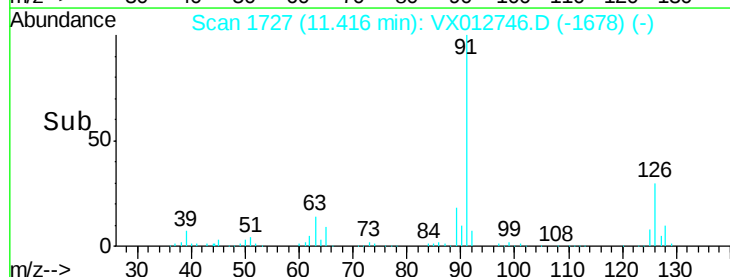
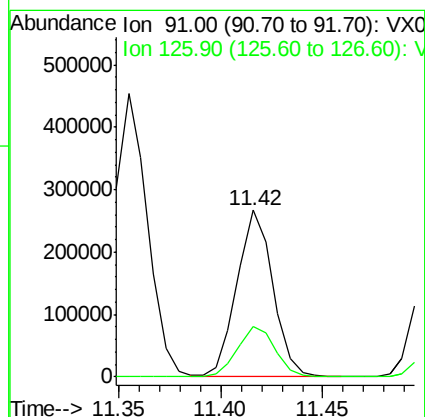
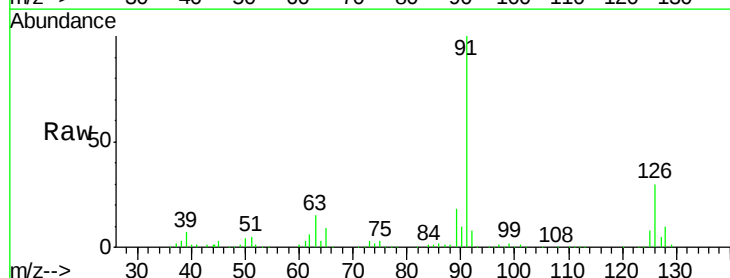
Acq: 01 Oct 2019 20:19

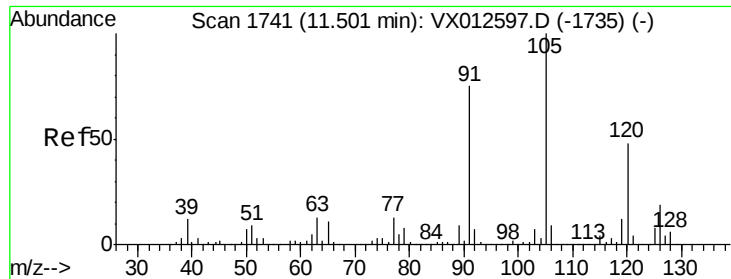
Tgt Ion: 91 Resp: 324837

Ion Ratio Lower Upper

91 100

126 31.9 16.4 49.4





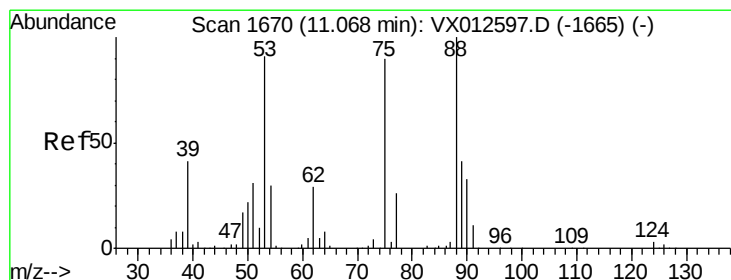
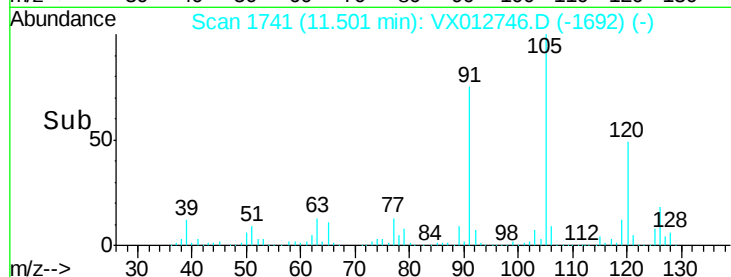
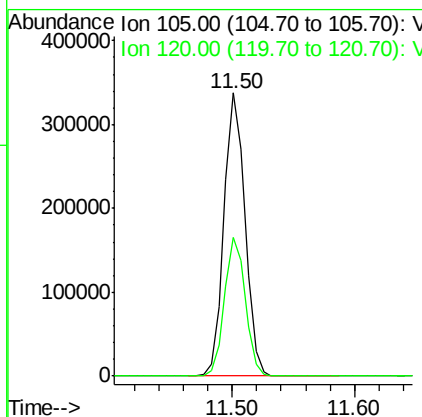
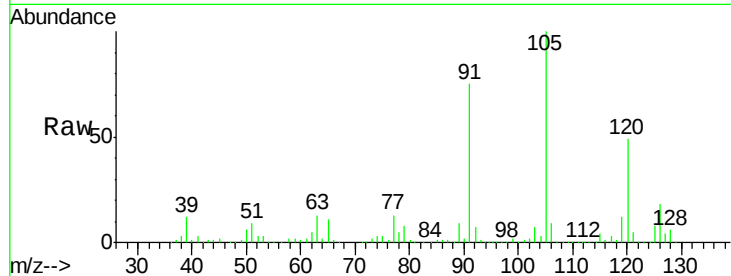
#80
 1,3,5-Trimethylbenzene
 Concen: 47.667 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion:105 Resp: 401933
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8

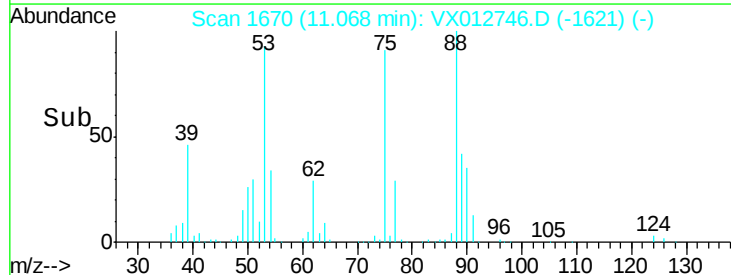
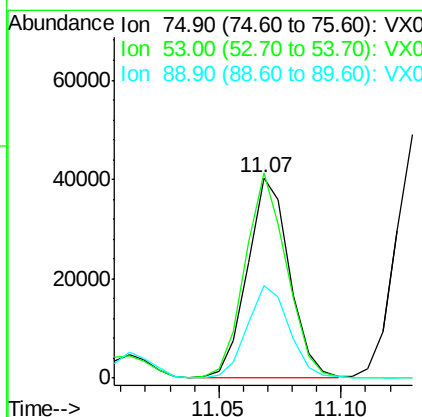
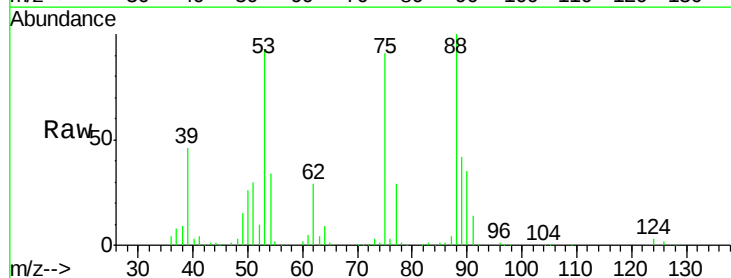
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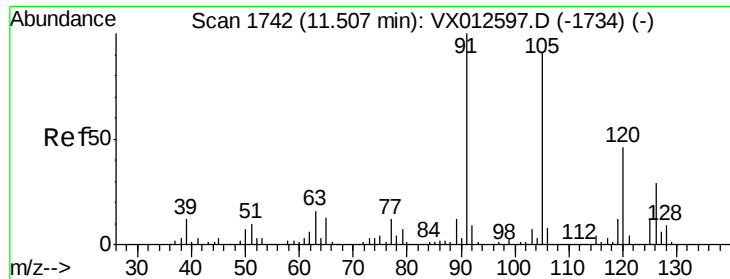
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.924 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 75 Resp: 47775
 Ion Ratio Lower Upper
 75 100
 53 101.5 83.6 125.4
 89 46.7 36.3 54.5





#82

4-Chlorotoluene

Concen: 46.498 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

Tot Ion: 91 Resp: 374317

Ion Ratio Lower Upper

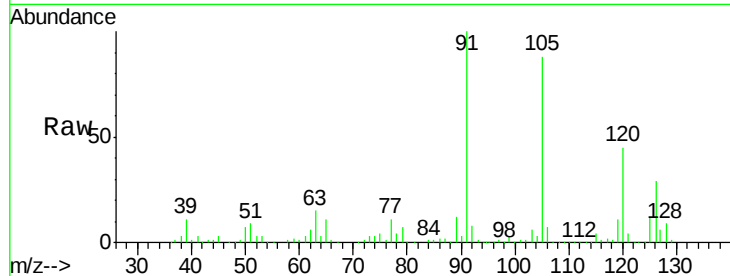
91 100

126 27.8 14.4 43.0

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Abundance Ion 91.00 (90.70 to 91.70): VX012597.D (-1734) (-)

Ion 125.90 (125.60 to 126.60): VX012597.D (-1734) (-)

11.51

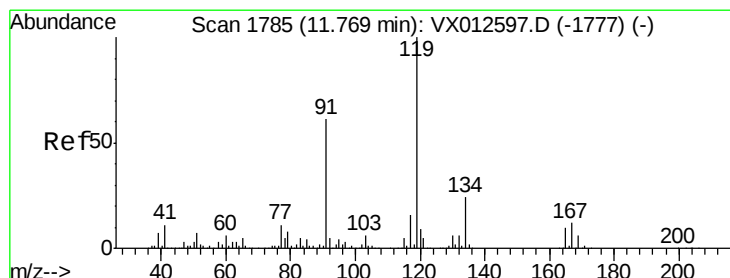
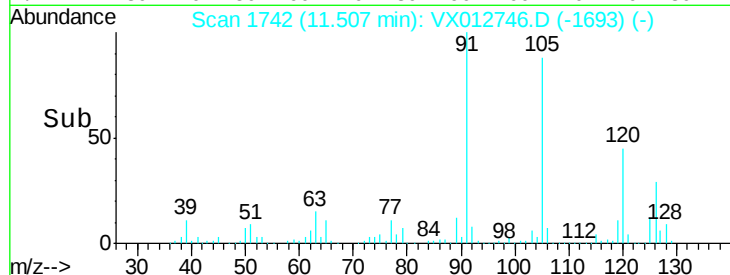
300000

200000

100000

0

Time--> 11.40 11.50 11.60



#83

tert-Butylbenzene

Concen: 48.101 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

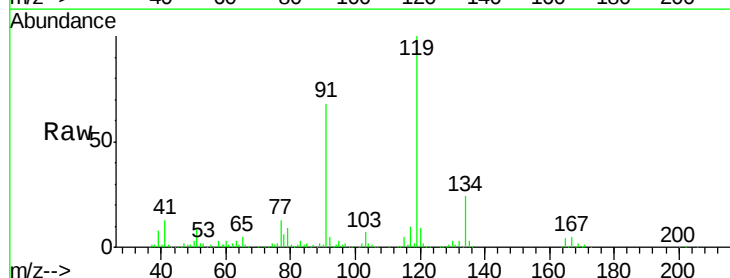
Tgt Ion: 119 Resp: 391244

Ion Ratio Lower Upper

119 100

91 61.6 30.0 90.0

134 22.8 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): VX012597.D (-1777) (-)

Ion 91.00 (90.70 to 91.70): VX012597.D (-1777) (-)

Ion 134.00 (133.70 to 134.70): VX012597.D (-1777) (-)

11.76

400000

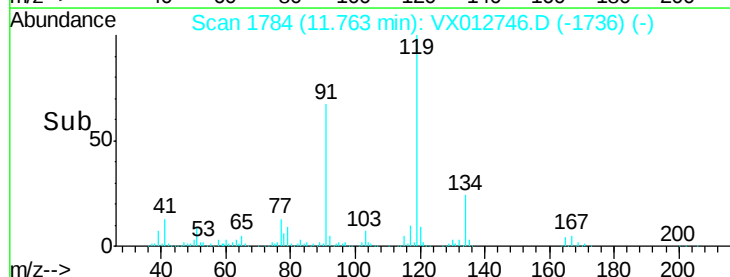
300000

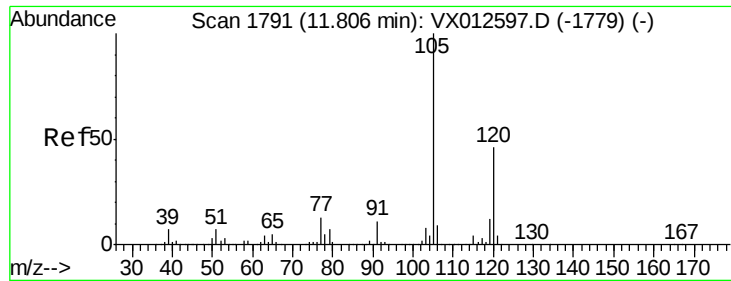
200000

100000

0

Time--> 11.70 11.75 11.80





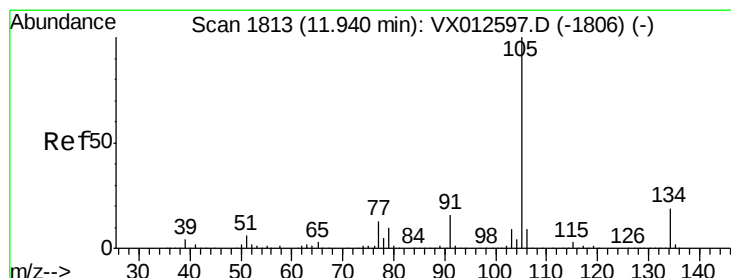
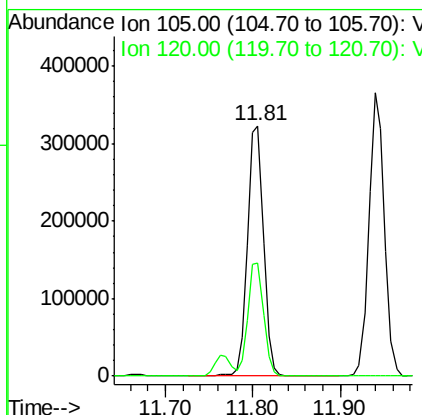
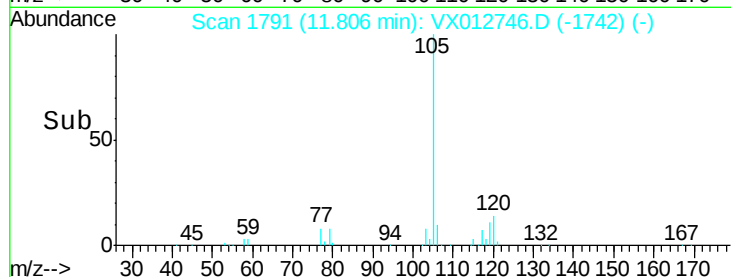
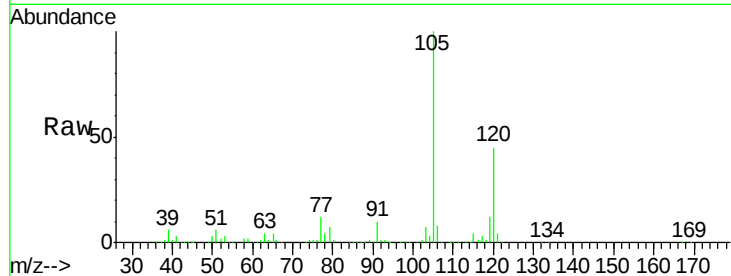
#84
 1,2,4-Trimethylbenzene
 Concen: 47.793 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
406531	105	100			
	120	44.2	22.2	66.6	

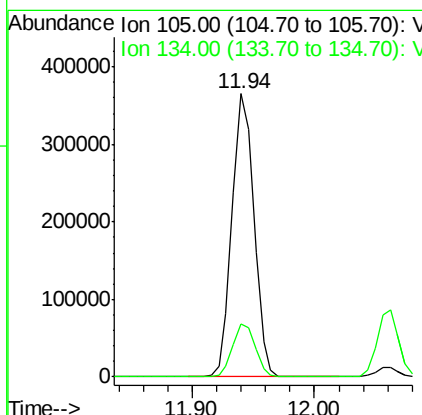
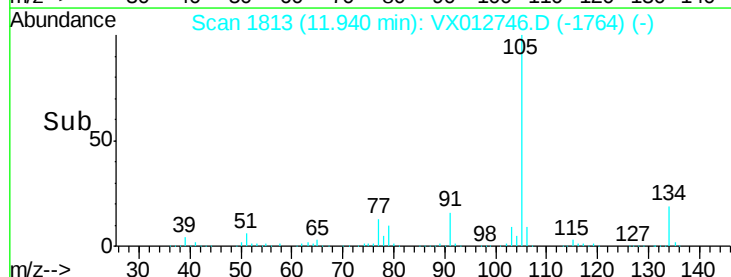
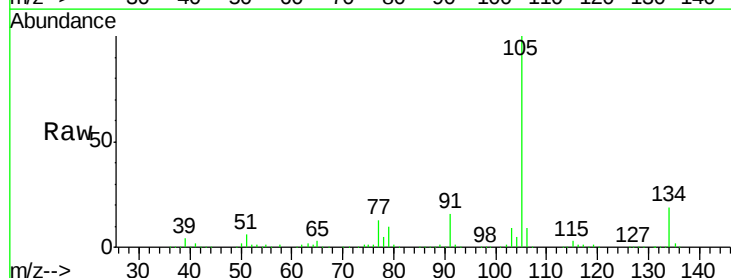
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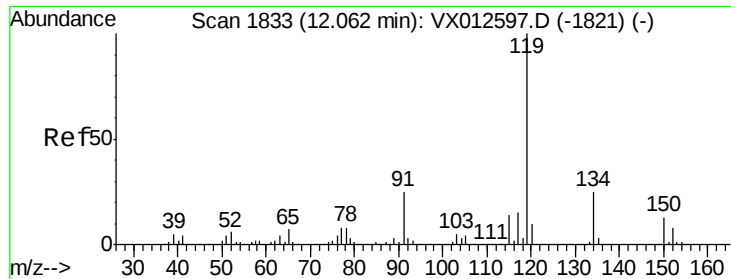
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#85
 sec-Butylbenzene
 Concen: 47.902 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
453178	105	100			
	134	19.2	9.8	29.4	





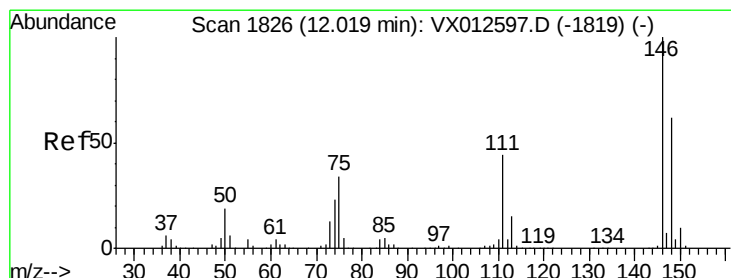
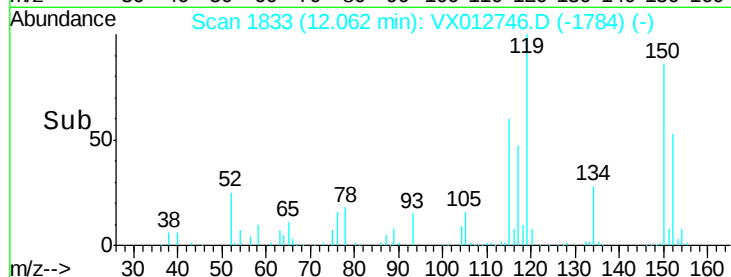
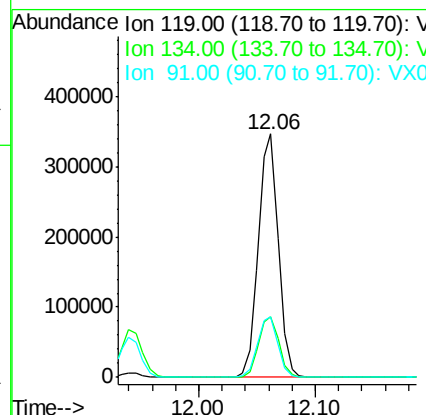
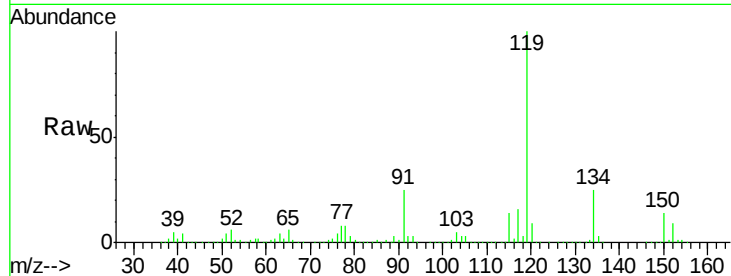
#86
 p-Isopropyltoluene
 Concen: 48.681 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	415556		
134	25.3	12.7	38.1	
91	25.2	12.8	38.4	

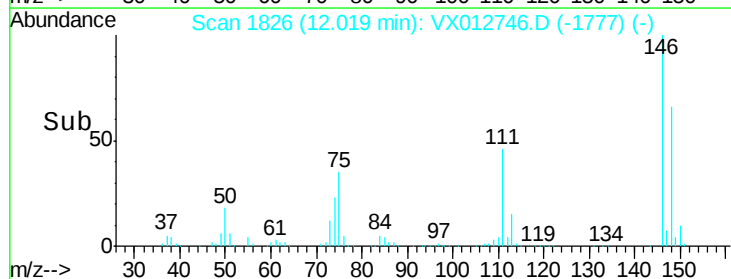
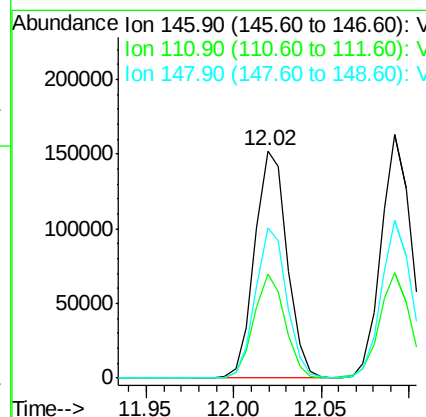
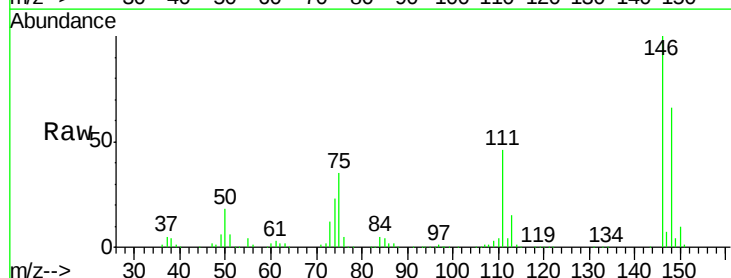
Manual Integrations
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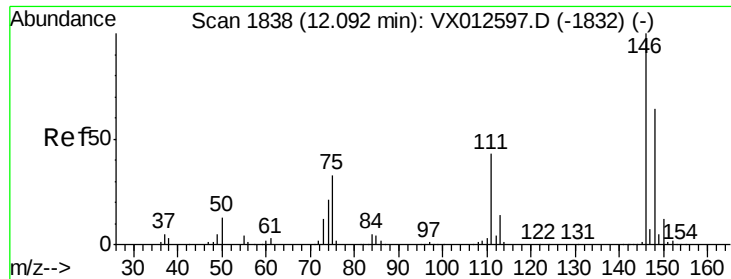
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#87
 1,3-Dichlorobenzene
 Concen: 47.743 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	195530		
111	44.1	21.3	64.0	
148	64.1	32.4	97.2	





#88

1,4-Dichlorobenzene

Concen: 47.295 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

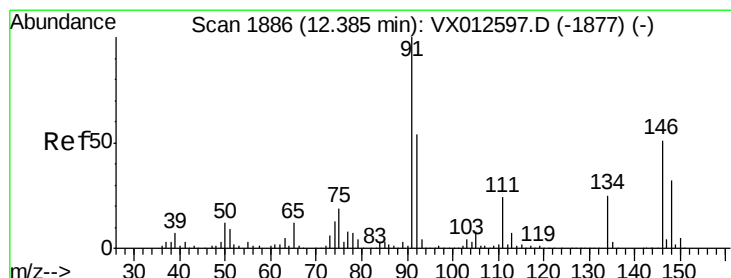
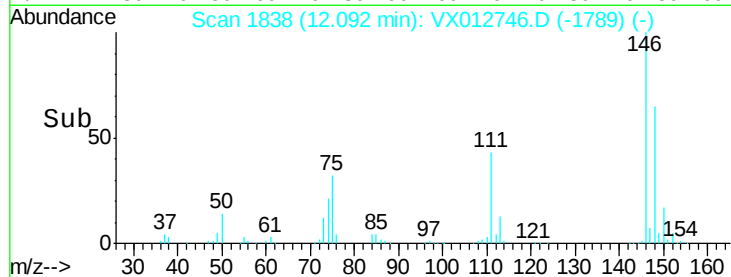
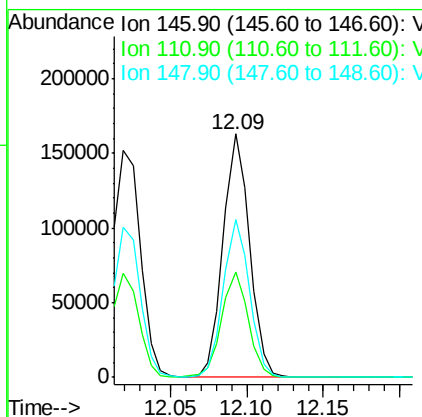
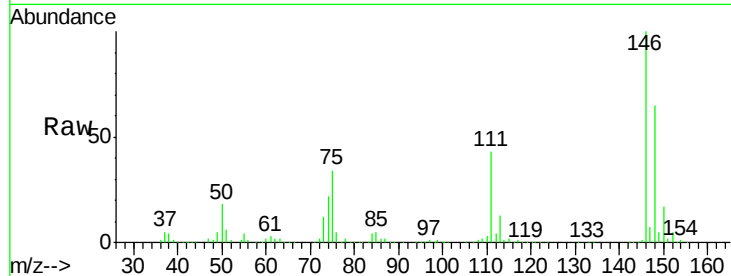
ClientSampleId :

SA-SW201-20190926MS

Tot Ion:	146	Resp:	195725
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.1	63.3
148	64.2	32.1	96.5

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#89

n-Butylbenzene

Concen: 45.286 ug/l

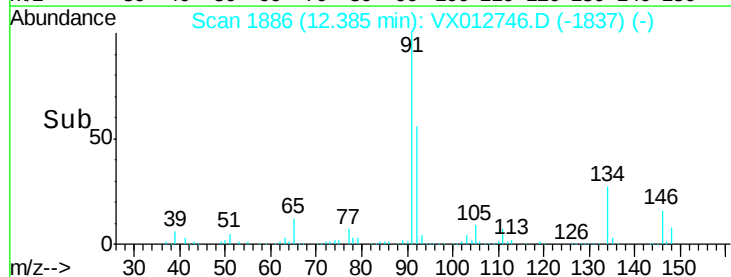
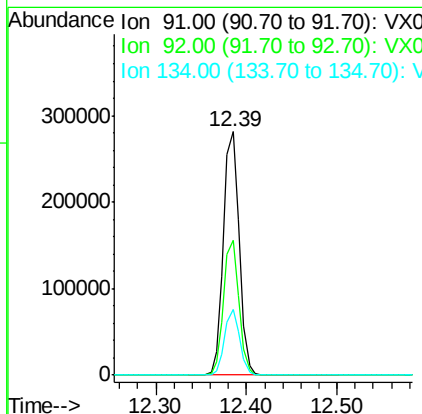
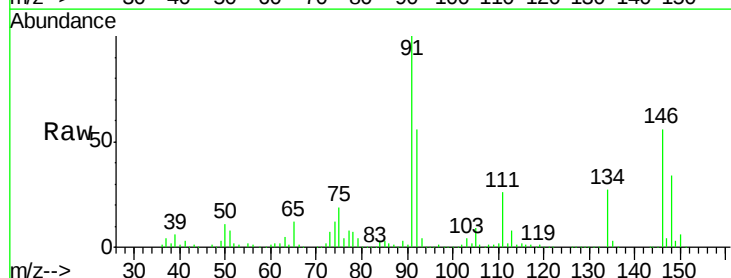
RT: 12.39 min Scan# 1886

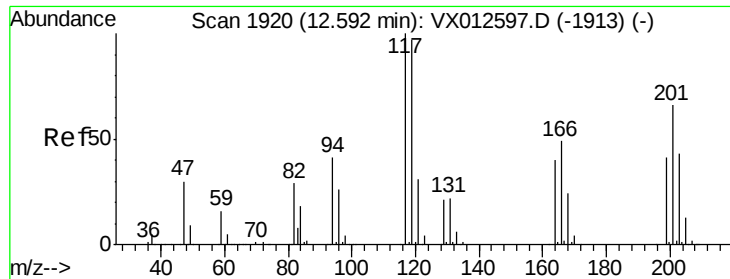
Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Tgt Ion:	91	Resp:	340653
Ion Ratio	Lower	Upper	
91	100		
92	54.1	27.7	83.0
134	25.8	12.9	38.6





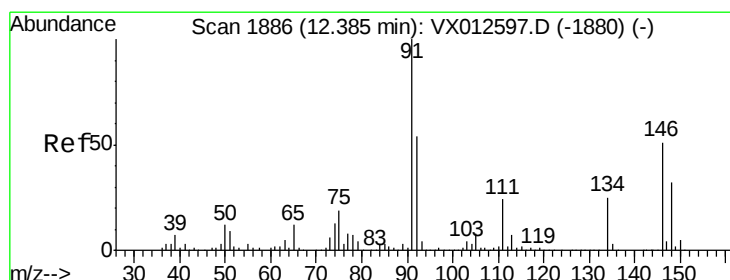
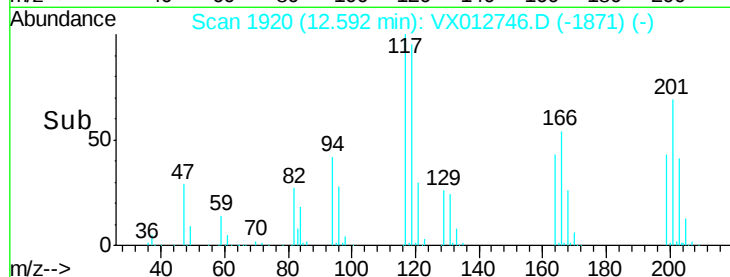
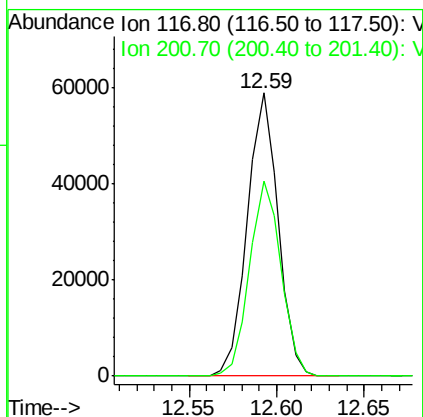
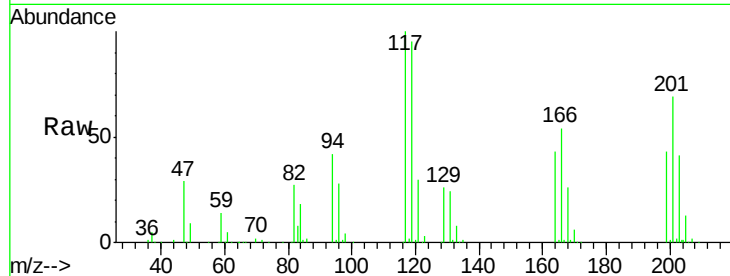
#90
Hexachloroethane
Concen: 47.578 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion:117 Resp: 72408
Ion Ratio Lower Upper
117 100
201 70.4 33.3 99.8

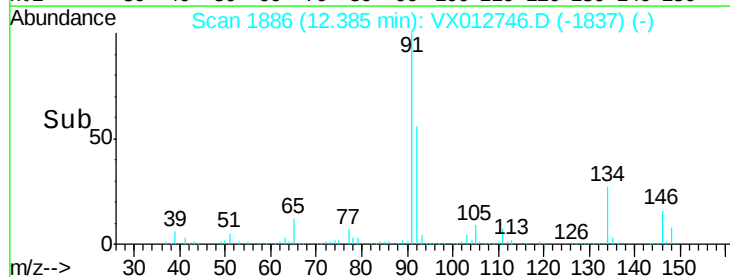
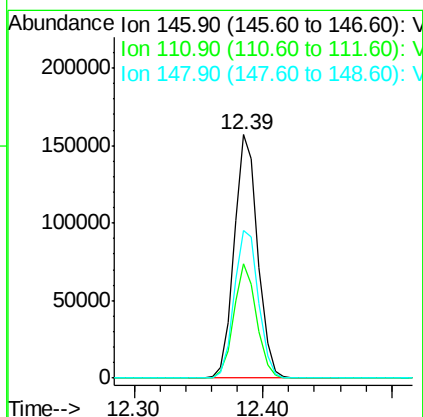
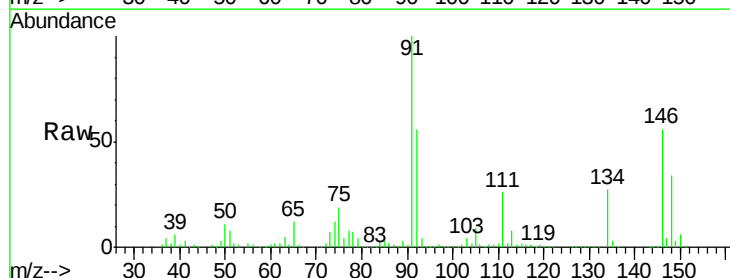
Manual Integrations
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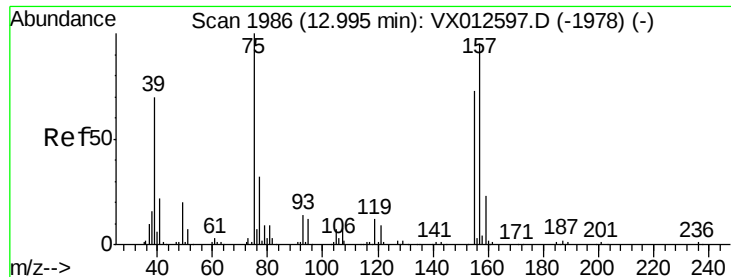
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#91
1,2-Dichlorobenzene
Concen: 48.504 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion:146 Resp: 198872
Ion Ratio Lower Upper
146 100
111 45.4 22.1 66.1
148 62.8 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.691 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

Tot Ion: 75 Resp: 38894

Ion Ratio Lower Upper

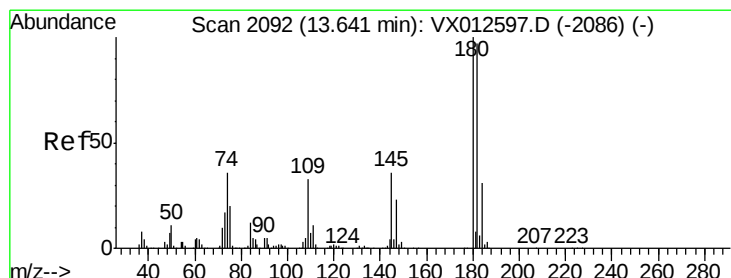
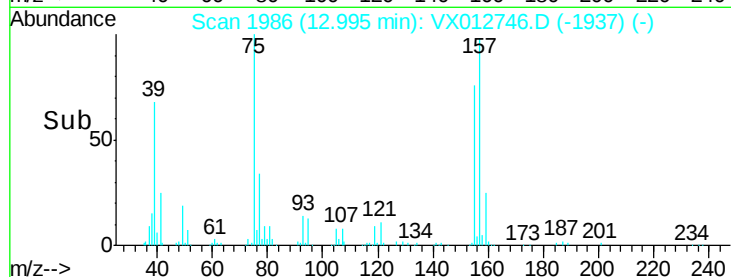
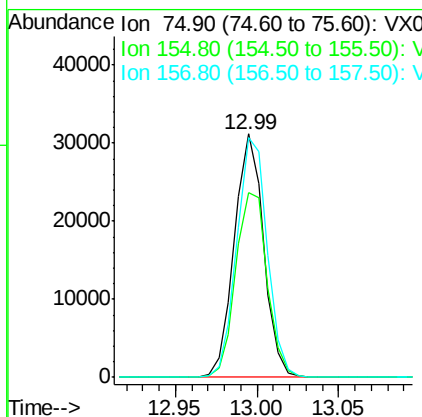
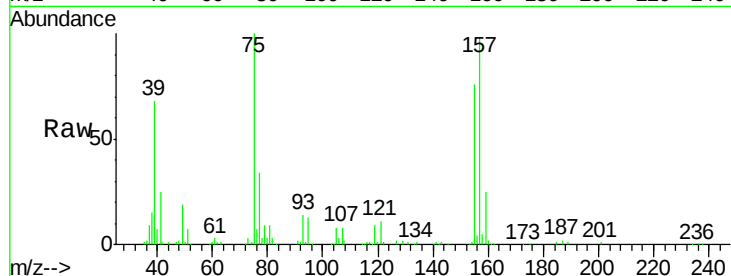
75 100

155 81.8 38.6 115.8

157 102.4 50.6 151.9

Manual Integrations
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#93

1,2,4-Trichlorobenzene

Concen: 48.249 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

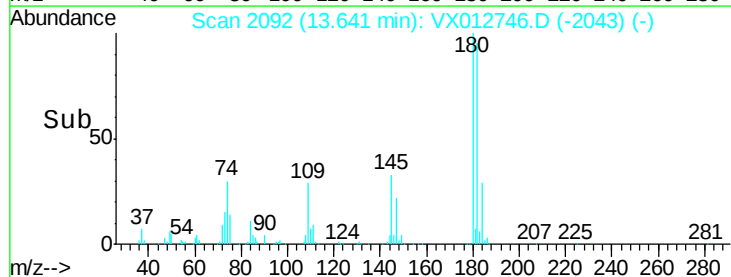
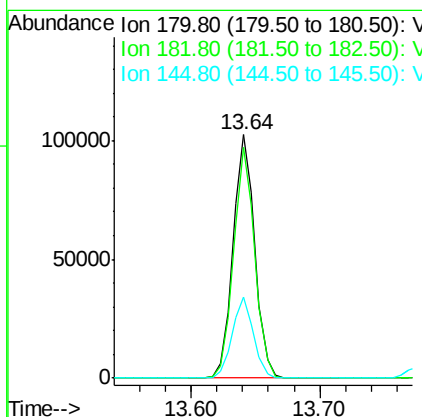
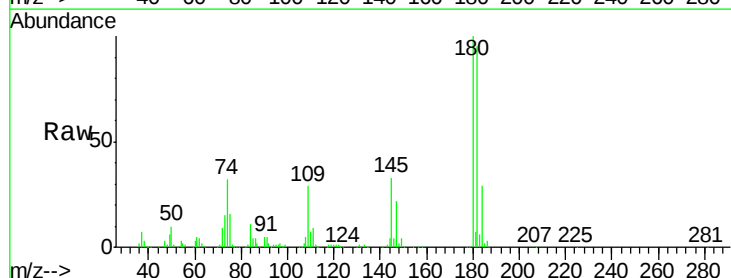
Tgt Ion: 180 Resp: 120646

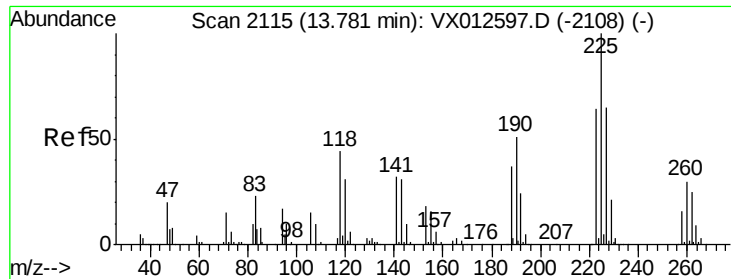
Ion Ratio Lower Upper

180 100

182 92.5 47.0 141.0

145 32.7 16.8 50.4





#94

Hexachlorobutadiene

Concen: 49.174 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

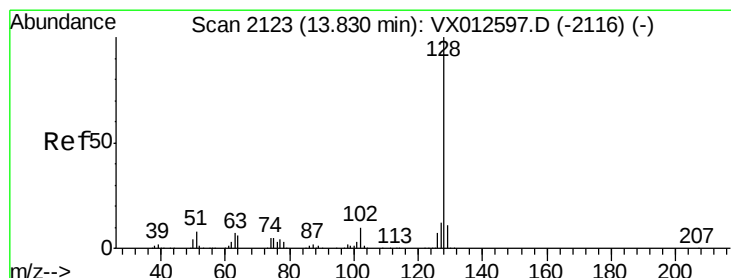
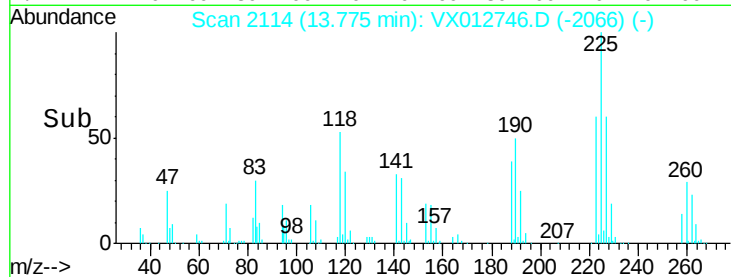
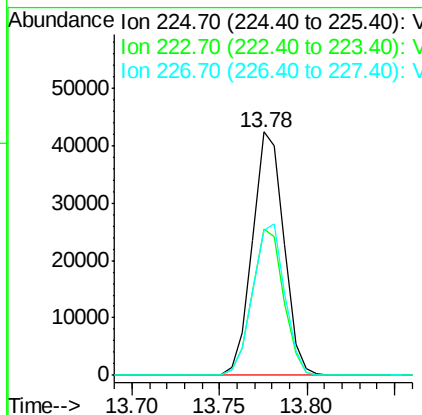
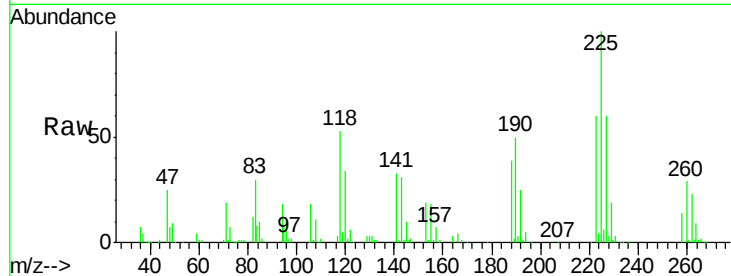
ClientSampleId :

SA-SW201-20190926MS

Tot Ion:	225	Resp:	52897
Ion Ratio	Lower	Upper	
225	100		
223	60.0	32.0	96.2
227	63.0	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
10/2/2019 10:07:27 AM



#95

Naphthalene

Concen: 49.041 ug/l

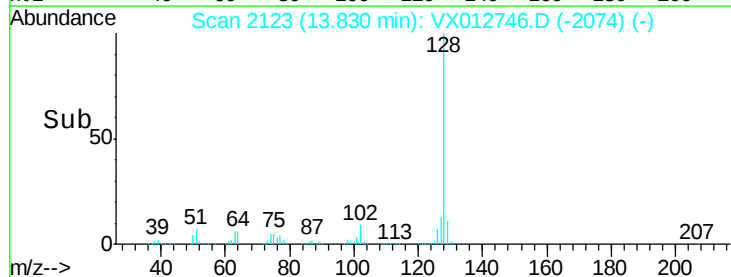
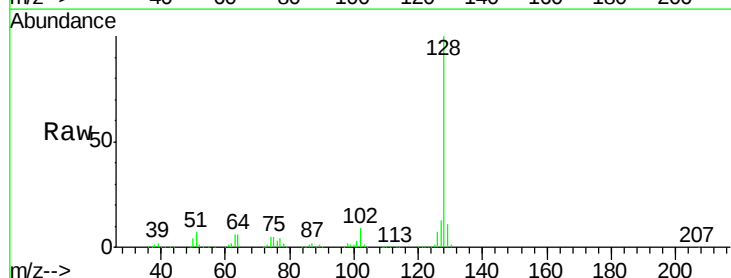
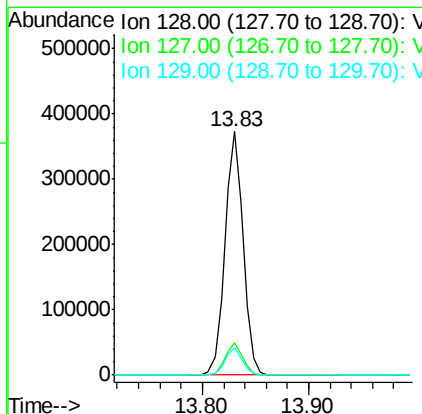
RT: 13.83 min Scan# 2123

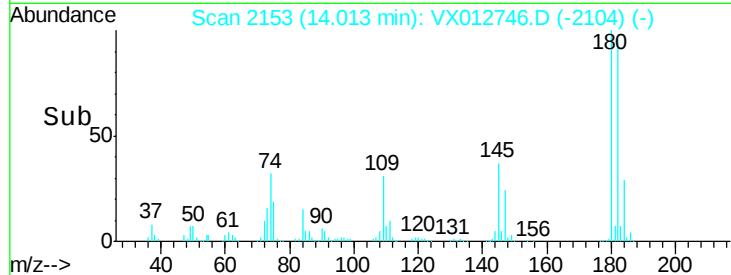
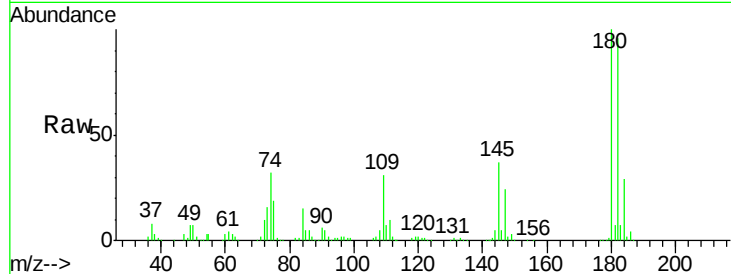
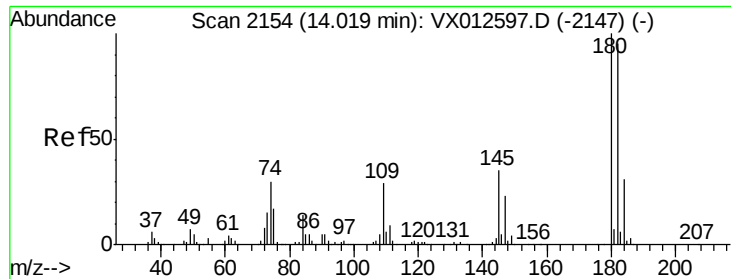
Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Tgt Ion:	128	Resp:	443662
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 49.048 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion:	180	Resp:	122855
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.1	141.3
145	36.1	18.0	54.0

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 10:07:27 AM

